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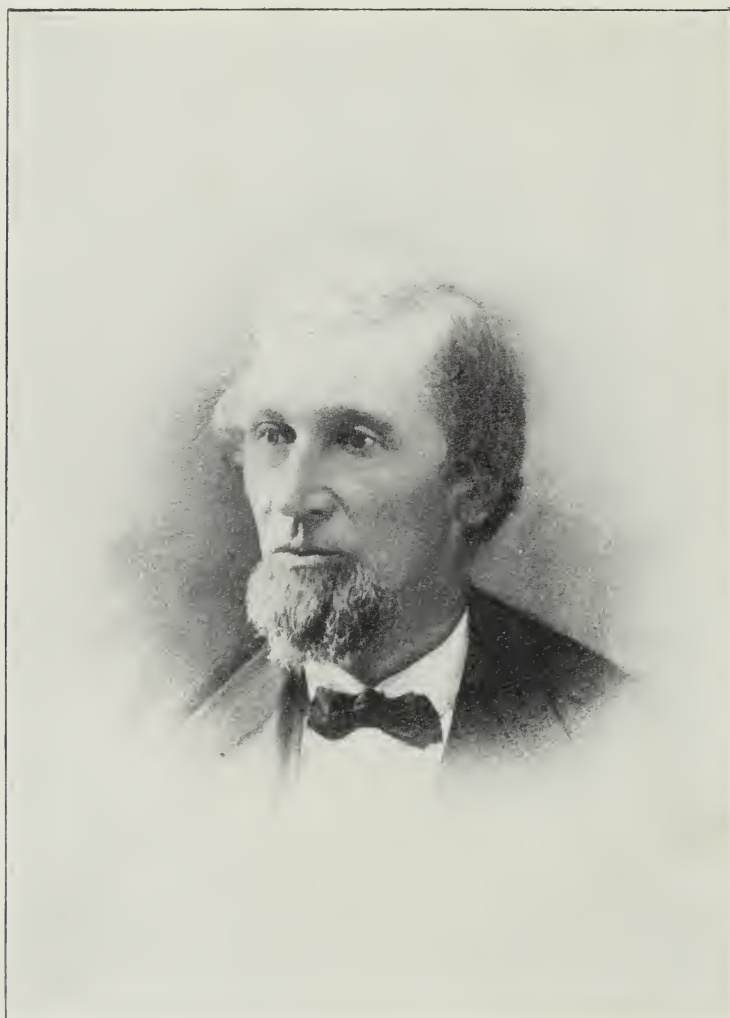
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JOHN MILTON GREGORY

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MAKERS OF THE UNIVERSITY

III. JOHN MILTON GREGORY

BY HENRY MAHAN BEARDSLEY, '79

The request which came to me to prepare for this series of sketches of "The Makers of the University," a paper on the life and services of Dr. John M. Gregory, I have responded to with satisfaction. I am glad at all times to help keep alive in the later days of the University's life, the memories of the times of beginning, and to pay, in small part, a debt of gratitude due from all of those who are of the first days.

I came a boy of nine years to Champaign, in the fall of 1867. I remember well going with my father through the building (the old dormitory then located at the north end of the present athletic field, and long since torn down), which was being fitted to serve for class rooms, laboratories and dormitories. I remember the day of the opening of the University, March 11, 1868, and as well, my impression of Dr. Gregory, when, as a boy, I first heard him speak. I knew him from that time on to the end of his life, and am one of those who owe to him a great debt.

John Milton Gregory was born at Sand Lake, New York State, July 6, 1822.

He was a student and graduate of Union College, a pupil of Eliphalet Nott, one of the greatest educators of his day. He studied law, getting its fundamental principles thoroughly fixed in his mind. Later he was for five years superintendent of public instruction in the state of Michigan, and for four years before coming to be at the head of the University he had been president of Kalamazoo College at Kalamazoo, Mich. He was forty-five years of age at the time he entered upon his duties as President of the University. That was at the beginning of a new era

among higher educational institutions. Great discoveries were being made in the field of the natural sciences. ✓ A memorial had gone up from the General Assembly of Illinois to the Congress of the nation, praying the Federal Government "To appropriate to each State in the Union, an amount of public lands, not less in value than five hundred thousand dollars, for the liberal endowment of a system of Industrial Universities, one in each State in the Union, for the more liberal and practical education of our industrial classes, in their various pursuits, for the production of knowledge and literature needful in those pursuits, and developing, to the fullest and most perfect extent, the resources of our soil and our arts, the virtue and intelligence of our people, and the true glory of our common country."

That memorial had been heard, and its petition granted, and following this grant of the Federal Government, the State of Illinois had passed the necessary legislation for an Industrial University for that state. There were some who had in mind that these universities were to be simply places where young men would be taught how to perform certain kinds of labor, but the men who had proposed and were directing the movement had no such narrow view as that.

One of the leaders among them had said, in one of his public addresses: "But true labor, inspired by universal science and intelligence, is not only characteristically human, but also Divine. What could be more absurd than to take a hundred boys, in their teens, away from their parents, the year round, and set them to dabbling with a hundred teams for a few hours per diem? When Almighty God created the heavens and the earth, and ordered man to 'eat his bread by the sweat of his brow,' he created and most liberally endowed the best possible University for learning all such mere manual arts; and if we expect to supersede Omnipotence by grants of land for endowments in this line, it will prove worse than a Bull Run defeat; for no institution for teaching the arts and habits of bare manipulation and industrial skill, can ever be endowed at all comparable with those which the great Father of All has most munificently spread abroad over every household, every shop, and every field, throughout the civilized globe. The principles of science, therefore, and not the bare manipulations of art, should form the sole end of Industrial Universities."

✓ Dr. Gregory was selected at the first meeting of the Board of

Trustees of the new University, held at Springfield in March 1867, to be its President or Regent. When he had accepted, one of the first great tasks set before him was to prepare an outline of the general aims of the University, and a course of study. This he did, as chairman of a committee appointed by the Board. In sketching an outline of the general aims of the new University, he called attention to the fact that the colleges existing at the time of the passage of the act of Congress, creating the new schools, were adapted only to fit men for the learned professions; that it was the purpose of Congress to create a new class of colleges to train men for industrial pursuits. But it was not to be the object of the industrial college to educate simply the sons of farmers and mechanics, or to teach the mere manual arts of agriculture and manufacture. The broad idea of the Industrial University proceeds upon two fundamental assumptions: "First, that the agricultural and mechanical arts are the peers of any others in their dignity, importance, and scientific scope : and, Second, that the thorough mastery of these arts, and of the sciences applicable to them, requires an education different in kind, but as systematic and complete as that required for the comprehension of the learned professions." That it was to be remembered that man is something more than the artisan, "and that manhood has duties and interests higher and grander than those of the workshop and the farm." Education should be made to fit for society and citizenship.

He then proposed the departments and courses of instruction, and the various courses within these departments. He declared that "The knowledges considered as instruments of culture or education, may be broadly grouped into four grand divisions, as follows:

1. Natural sciences, or sciences of observation and experiment.
2. Mathematics, or the science of imagination and calculation.
3. Linguistic and philological sciences, or the sciences of formal expression.
4. Philosophical and speculative sciences, or the sciences of consciousness and reflection."

He declared that a true educational course must include these four classes of study. Next followed a statement of the professorships and lectureships needed for the work at the very beginning.

In conclusion he gave expression to the vision which was in

his own mind of the outcome of the work about to be begun. It is clear it was this vision which lived with him through the after years, helped him in shaping the life of the University, and gave him courage to press forward against all obstacles. He saw that farmers and mechanics who had been wont to regard higher education as needful only for professional men, would not, at first, understand the utility of science in its applications to their work. "They have," he said, "in many instances, yet to be convinced that a highly cultured mind may be linked to a brawny hand, and that a classical scholar may feel at home in a workshop; and find use for all his scholarship and taste in the successful practice of his art." Then, with enthusiasm, he added: "But the age is propitious. The working masses of mankind are waking to their needs, and calling for light. The thunder of the machinery by the side of which they toil, and the magic power of the new processes of arts which they daily employ, have roused the long slumbering power of thought. Brains are coming into use and honor in all the fields of human labor, and brains will speedily demand light and knowledge. In an age of learning, the farmer and the mechanic will soon come to covet the rich heritages of science for their sons. And the light of high and classic learning will be found as beautiful and becoming when it shines in an educated farmer's home, as when it gilds the residence of the graduated lawyer or physician. And what richer growths shall yet start from these magnificent prairies to repay the farmer's toil, and what more splendid achievements shall yet spring from our myriad-handed mechanic art—what more beautiful bloom in our gardens, and more delicious fruits from our orchards—what more tasteful and convenient homes from our architecture, and what grander and more abundant products from our multiplying manufactories—what nobler forms of civilization to grace our free institutions, and what better types of manhood to tell of the blessings of liberty and learning, when education shall have fully achieved this last triumph, and carried her victorious banner of light down into the fields where the toiling millions of mankind must still, by the stern but beneficent ordination of Heaven, 'eat their bread in the sweat of their brows.' "

Following the reception, by the Board of Trustees, of this report, it was determined to delay for a time the opening of the University. Under this plan a year was given, during which time not only were the plans pushed forward at the seat of the proposed

University, but Dr. Gregory went about over the state, seeking to interest young men everywhere in securing a higher ducation. Many of the addresses which he made were from the rear end of some farmer's wagon at a county fair. I have heard the story from the lips of numbers of young men, who afterwards came to the University, secured an education, and who have since been of great value to their state, that the appeal came to them from the lips of this college president on some such occasion.

Finally the day came for the opening of the University. With all the work that had been done, there were but seventy-seven students registered that year, and of these forty-five were from Champaign county. The faculty consisted of five professors, two assistants, a head farmer, an instructor in bookkeeping and German, and two non-resident lecturers.

We know something of the battles which Dr. Gregory had to fight; opposed upon the one hand in his attempt to make a true university by those who felt that the course of training should be limited wholly to the sciences and mechanic arts, with agriculture, and largely to manual training; and, on the other hand, by those who did not understand at all the need in these directions and could not comprehend that a great University might be made broad enough to cover the whole field.

It is not difficult to bring back to memory the crowd gathered on that day, March 11, 1868, in the old chapel in the dormitory building, nor to see him standing there, with small equipment about him, but filled with the thought of the noble purpose of the work he was about to begin. He heard not only the voice of the men who had called him to his task, but the voice of the age itself speaking to him. "Slowly," he said, "a great want has struggled into definite shape in the hearts of mankind. The demand has arisen for deliverance from the evils of ignorance and for a more fit and practical education for the industrial classes. It is labor lifting its Ajax cry for light to guide its toil, and illuminate its life." Picturing then this great hope that had come, he added: "To us it is committed, here in Illinois, to realize these hopes. Rarely has a grander duty, nor, perhaps, a more difficult one, fallen to the lot of any body of men. We are the servitors of the age itself."

He would have it clear that there was to be no lack of appreciation of the older institutions of learning. He would venerate them still; he saw their graduates all over the land leading

in the struggle for the elevation of men. He held it was not necessary to tear down other institutions in order that the new might do their great work. He pictured the need of more certain knowledge in all the fields of labor. Then advancing to the view of higher things, asserting that these things too were practical, "Are not ideas possessions, as well as corn fields?" he said. "Is not beauty a marketable quality, even in a horse? Is not the power to enjoy property as essential as the power to produce it? And is not an increase of motive power an essential condition to the increase of industry? Brains are practical. The most practical thing on earth is brain power—the power to see, reason and understand. In shop and field, in day labor or driving oxen, brain is better than brute force."

From this he moved on in his argument, picturing a nobler and stronger nation, which was to come, by reason of the existence in its midst of the new Universities. Contrasting at the last the then present hour with the times past, he said: "Those whom labor perpetually degrades, learning can never successfully lift up. . . . 'These must have perished, or I myself must have been lost,' said an old Greek philosopher, as he gazed upon the ruined fields which he had neglected for the sake of his mind. 'I myself am saved, and, therefore, these can not perish,' will be the reply of the educated farmer. Let us but demonstrate that the highest culture is compatible with the active pursuit of industry, and that the richest learning will pay in a corn field or a carpenter's shop, and we have made universal education not only a possible possession, but a fated necessity of the race."

✓ The University had not had its doors open long until it was necessary to determine whether or not the young women of the state should be admitted to its privileges, alongside the men. Dr. Gregory championed this new proposition, and that just course which has granted, out of the revenues of the state, the means of higher education for women, as well as for men, had one of its first demonstrations in the Illinois Industrial University. ✓

Speaking of Dr. Gregory, as he stood at that time, looking forward to his great work, another great educator of a later day has said of him: "There were not half a dozen men in the world who saw as he did, the necessity of the next great step, which was imperative to the complete and enduring development of popular education."

Dr. Gregory was never himself an investigator in the labora-

tory, but was interested in the laboratory work of others; and kept, at all times, thoroughly abreast of the best knowledge of his time in the sphere of the natural sciences. That was a time of wonderful discovery of new truth.

He was a great teacher, understanding the fundamental principles underlying the work of the teacher. His little book, "The Seven Laws of Teaching," is still used as a text book in institutions where teachers are trained for their work. For quite a period before coming to the University of Illinois, he had been the editor of an educational journal. While he was President of the University, he taught part of the studies of the senior classes: logic, constitutional history, the history of civilization, and mental philosophy. None who were members of either of these classes will ever forget the incidents of that study. While text books were used by him, he directed the work of the class room along lines mapped out by himself. It is a scene which comes back often in the memory of students of those days—his class room filled with the members of his class, deeply interested; the Doctor walking back and forth, hands behind him, talking about the theme of the hour, then turning to get the thought of those who had been listening to him.

He knew thoroughly the history of past times, and kept in close touch with the events of his own day throughout the world. He gave to the student body, in the daily morning chapel hour, the benefit of this knowledge. Those who heard him in these talks will always remember the clear, simple, yet forcible manner in which he gave, in brief form, an outline of the movements of the time among the leading peoples of the world.

He invented a form of chart on which were mapped out, in chronological order, the leading events in the life of all nations. The eye was thus able to aid the memory in putting side by side the events in the history of different nations during any given period.

He made several trips abroad, and visited the chief cities of Europe. Here his habit of mind aided him to get much insight into the life of the people and into the meaning of movements then on foot among them.

During the later years of his life he gave many lectures, weaving together his knowledge of history and the results of his own observations. These lectures were full of interest; they gave his own idea of the tendency of forces then at work. He had

studied successfully the life of the people of the various European countries, under the different conditions in which they lived, and had purposed to write a book on Sociology from that view point. Part of this he had written before his death; it is deeply to be regretted that he did not finish this task.

Dr. Gregory had within him the spirit of the artist, and all the enthusiasm of a true lover of art. In the days when there was small interest in art at the University, or, for that matter, in that portion of the West, he arranged for an art gallery in one of the rooms of the main University building. From Europe he secured casts of many of the great works of sculpture, and prints of many of the great paintings. He gave public addresses concerning these works of art, in order to create interest in what he was trying to do. It would be a matter of interest, on some other occasion, to tell of the mission of this art gallery, to show what effect it had upon the lives of certain students who have done much for art in the present time, and as well upon the life and general growth of the University in those days. All this is well worth noting when we remember that the University was then known as the "Illinois Industrial University," and remember as well out of what movement the University had its beginning. One marvels, looking back from the present time, at the breadth of vision and largeness of purpose in this man.

He was a scholar in English and in the classic languages. His training in these had been very thorough. He understood and appreciated the education which was then given in the older colleges and universities. Yet this did not at all blind him to the need of a new system of education.

Dr. Gregory was an orator. Whatever his theme was he presented it in his own original way. His illustrations were his own, always appropriate and forceful. His manner as he spoke was impressive; he struck blows with effect; he backed up his thought with all his physical energy. I have always understood that Thomas Quick of Washington County, Illinois, who was a member of the first Board of Trustees, and who was the man who placed Dr. Gregory's name before that board, at its first meeting, for election to the presidency, had heard Dr. Gregory speak at a meeting in Chicago, and had been thoroughly impressed with the man and his manner.

During a period of years, Dr. Gregory gave on Sunday after-

noon, each alternate week, at the old chapel, a public address. These meetings were open to the general public, and to such of the student body as cared to attend. There were always large audiences. The themes concerned the higher things of life, and were full of moral and religious uplift.

He spoke to the student body at the morning, daily chapel gathering. Here he appealed to young men and young women for the formation of best purposes in life. It will never be known how far reaching was the effect of these chapel talks. I am sure there are many hundreds of the students of that time who would testify, if given opportunity, that the ideals gained by them from him in these chapel gatherings, have been, in large part, the guiding motives of their lives ever since.

He was a deeply religious man, and preacher of unusual power. One of the older students has told me of an incident of the early 80's. The doctor was his guest in a Western city over Sunday. They went together to the Sunday morning preaching service. Eager to hear his old teacher preach, as had been his privilege in old college days, my friend suggested to his pastor that Dr. Gregory be invited to the pulpit. This was done. Without other opportunity for preparation, he preached the morning sermon. There had been in the daily paper that morning, a full report of a lecture given the evening before—an attack upon the Bible. Dr. Gregory took this report as the basis of his theme, and my friend says, preached a most impressive and convincing sermon. I well remember a Sunday morning, in 1880 I think. There had been a heavy rain, followed by a fall of temperature; trees and poles and wires, and all objects in the landscape, were covered with ice. So the morning broke. Later the sun came out; it was a scene of dazzling splendor. Dr. Gregory spoke that morning from the pulpit of the First Congregational Church. He came from the out-of-doors, filled with the glory of the scene of the morning. Beginning with a description of all he had seen, he led on into the theme of the morning, carrying his hearers with him. Thus, he drew his inspiration from scenes and experiences of the hour, and made them the basis for teaching the great religious and moral truths.

In later years, and after I had left college, he was in Kansas City, where I lived. I learned that he was expected to preach at the First Baptist Church on a Sunday morning, and determined to hear him. It had been some years since I heard him last, and

I wondered whether I had been so impressed in the old days because I was yet a boy, or whether he was, in fact, a great preacher. Hearing him that day I was convinced. His theme was the Great Commandment as pronounced in the incident leading up to the parable of the good Samaritan. He began by giving illustrations out of the common experiences of life to prove that there is a lower, baser use, and a higher, nobler use for every power and faculty we have, and then moved on, step, by step, until he had proved that the highest use for all mens' faculties and powers is in giving obedience to the direction of this great commandment.

As he admired art, so he was fond of the poets. He had within himself the poetic genius; had he chosen he could have put his thought into rhyme. That song which he wrote and which was sung by a chorus of voices on the day of the opening of the University, gives proof of this:

"We hail thee! Great Fountain of learning and light;
There's life in thy radiance, there's hope in thy might;
We greet now thy dawning, but what singer's rhyme,
Shall follow thy course down the ages of time?"

The government of the nation honored him. He was sent to represent it as a commissioner at two of the great World Fairs abroad. After he left the University he was named, by the President of the United States, to be a member of the National Civil Service Commission. In all of these places of duty he did his part with honor to himself, and to the power that appointed him.

He was entrusted with important commissions by the church of which he was a member. He wrote much for its leading papers, and visited its leading educational institutions, advising how its work could be made more efficient.

He gave the best years of life, without stint, to the University, and he loved it. I had it often from his lips in the later years of his life. I shall never forget one occasion which proved how deep his feeling was. It was in the days of the celebration of the quarter centennial of the founding of the University. It was then some years since he had gone out from its active life. It was his first return. He was to make the address upon the Sabbath afternoon in the old chapel. There was a great company gathered to hear him. Many among them were those who had been students under him. The greeting given him was one of sincere and prolonged applause. He felt it deeply. Though used to public speaking,

he struggled for some time when he began to talk before he could get the mastery of himself, and when he did speak, it was out of a heart running over with affection for the scenes about him, and for those who had been with him in the days when he wrought there. Before his death he asked that his body might be buried where it now lies on the University grounds.

He was deeply interested in, and had great affection for the students who came to the University in his time. I remember in the latter days of his life, he used often to talk of the men and women who had been the students of those days. I asked him one time why he had not been more largely upon the lecture platform, as there would have been in it for him, undoubtedly, the source of considerable income. His answer was that what talent he had in that direction he had largely desired to use for the good of his time, and he was not willing that the boys and girls who had been his students, should think of him as using what talent he had purely for gain.

✓ He died at Washington, D. C., on the 19th day of October, 1898. On Sunday, the 23d of October of that year, a memorial convocation was held in the old University chapel, and his body was laid for its last long rest, in the ground just west of the main University building. ✓

Speaking of him, the Alumni of the University, gathered in the great city of Chicago, in a resolution at the time, said that "Full of years and honor, like a shock of ripened corn in an abundant year, our beloved instructor and friend, Dr. John M. Gregory, the founder and first regent (president) of our Alma Mater, has been gathered to his fathers."

THE ELECTIVE SYSTEM IN THE COLLEGE OF LITERATURE AND ARTS

EVARTS BOUTELLE GREENE

Dean of the College of Literature and Arts

Perhaps the most striking point of contrast between the colleges and universities of fifty years ago and those of the present time is the radical change in the curriculum, resulting from the extension of elective studies. In the older colleges there was usually a fixed program of study consisting very largely of ancient languages, mathematics, and a modicum of philosophy, which was required of practically all candidates for the degree of bachelor of arts. This degree, in turn, was recognized as the almost exclusive symbol and evidence of a liberal education.

To-day the situation is radically different. The boy or girl who comes from the high school to the college finds an infinitely varied curriculum, with an almost bewildering range of choice. Subjects scarcely heard of by the undergraduate of thirty years ago are now largely elected, while some of the subjects which were formerly required of nearly all students are now taken only by a small minority. This result has come about partly because of a general social tendency to emphasize the principle of individual freedom; partly because the progress of science has brought a growing number of new subjects into the curriculum to compete with older studies; and partly, also, because of a desire to educate each individual along the lines of his greatest possible efficiency, rather than according to some conventionally accepted theory of liberal education.

The general adoption of the elective system has certainly given us some great advantages. The healthy competition among instructors for the better type of students has done much to prevent the repetition of routine courses, without reference to the general movement of scientific progress. Thousands of students to whom the older discipline offered no attractions, who either did not go to college at all, or who spent their four years of college life without any real intellectual awakening, have been set to thinking in the newer fields of knowledge. Under the elective system it is also possible in our best universities for a student to make a degree of progress in the particular subject in which he is most interested, which was entirely out of the question in the old days, even in the case of a preferred study like classics.

Notwithstanding these great advantages of the elective system, there are some legitimate objections which have been urged and are now receiving serious consideration. It is said, for instance, that the system leads the student almost wholly along the lines of least resistance. Thus he is led to take the subjects which are easiest for him, to neglect important studies which seem in their earlier stages difficult and even repellent; and to lose the moral advantage which comes from overcoming obstacles. In many cases, the student's course is a haphazard aggregation of miscellaneous subjects with no attempt at rational correlation. To some extent this difficulty has been met by the appointment of faculty advisers; but it is generally admitted that their efforts have been only partially successful. Finally, it has been urged that the elective system does not provide a proper sequence of work from elementary to advanced courses, with the result that the degree of A. B. is frequently given on the completion of a program made up almost wholly of elementary subjects. It is only fair to say on this point, however, that the same criticism was at least equally applicable to the older courses of study, except perhaps in the case of the classics. These criticisms have made themselves felt even in such strongholds of the elective system as Michigan and Harvard. Within the last few weeks the Harvard Faculty of Arts and Sciences, in accordance with the views of President Lowell, has voted a considerable modification of the almost unrestricted choice of electives hitherto allowed in Harvard College.

At an institution like the University of Illinois, the question of elective studies is relatively less important because a majority of the students in the University are registered in courses which aim to give distinctly professional or technical training. The student elects at the outset the general course which he wishes to enter; but when that decision is once made, he is required to accept the expert opinion of the faculty as to the subjects which furnish the necessary preparation for his chosen career. The student who comes to the University of Illinois may enter the College of Agriculture, or the College of Engineering, as he chooses, provided he can meet the entrance requirements. When, however, he has once decided to be a civil engineer, he must take the subjects specifically set forth for that course. Doubtless there is some room for discussion as to the extent to which elective studies should be introduced in these technical and professional courses;

but the proportion of subjects prescribed as essential must always be large. The question of elective subjects for undergraduates is, therefore, at the University of Illinois, a problem mainly for the two Colleges of Liberal Arts, and especially for the College of Literature and Arts, in which are enrolled the largest number of students taking the present day equivalent of the old "arts course."

Twenty years ago this college was known as the College of Literature and Science, and its students were enrolled in two "schools", designated respectively as English and Modern Languages, and Ancient Languages and Literature. Students in the School of English and Modern Languages received the degree of B. L.; but the degree of B. A., with its superior prestige, was reserved for the graduates in the School of Ancient Languages.

In order to receive the degree of B. A., the candidate was required to pursue a course which was almost wholly prescribed. In the freshman year, for instance, every student was required to take Latin, Greek, mathematics, and English composition, and, in the case of men, military training. The subject of Latin was required for two years; but in the sophomore year the student was allowed to choose between Greek and German, and in the junior year French might be taken instead of Latin. Except in these two cases the course was fixed. Under this system there was little or no opportunity for the study of certain subjects which are now of the greatest importance. For instance, only one term could be taken in economics. No formal instruction was given in political science or sociology, and the course in history was limited to five terms. Except in the case of Latin, it was not possible for a student to take the amount of work in any one subject, which is now required to constitute a major in the College of Literature and Arts.

In the course required for the degree of B. L., Greek was omitted and Latin was made an elective subject; but three years of work in foreign languages were prescribed, and the number of electives was only slightly larger than in the course leading to the degree of B. A. The only subject which the student could pursue for three years was English. In this course, as well as in that required for the B. A. degree, language and literature were strongly emphasized. These, in brief, were the University requirements in 1889-90.

During the next five years this course of study was modified at various points, but the first radical change in the curriculum appeared in the University catalog of 1894-95. During the preceding five years the faculty of the college had been doubled and a much greater variety of courses was offered. New subjects, almost unrepresented in the old catalog, were now calling for recognition. For instance, the work offered in economics was extended from one term in 1889-90, to two or three years for the year 1895-96.

Under these changed conditions the old uniform requirements were necessarily abandoned. In place of the two degrees of B. A. and B. L., the single degree of A. B. was substituted. Henceforth the student might take this degree without offering either Greek or Latin, an arrangement to which we have now become accustomed, but which then seemed exceedingly radical.

The subjects specifically prescribed for the degree of A. B. at this time, fifteen years ago, were mathematics (one full year), rhetoric, English literature, logic, and history, constituting, in all, a little more than one-fourth of the whole course of study. Furthermore, each student was required to elect a year's work in any one of four languages (Greek, Latin, German, French), and one year's work in one or more of the departments of natural science. Counting this work in foreign languages and in natural science as a part of the required work, about sixty per cent. of the student's courses was made up of elective subjects. Each student was, however, required to choose two major subjects, each of which was to be carried for two full years. It is evident that there was already a decided increase in the student's freedom of choice.

The curriculum adopted in 1894-95 was retained with comparatively slight changes for nearly ten-years; but the catalog of 1904-5 shows another important readjustment. In the first place the subjects specifically required of all students were still further reduced until there remained only rhetoric, physical training, and, for men, military training. Since that time a single course in English composition, of three hours a week for one year, has been the only literary subject actually required of all candidates for the degree of bachelor of arts. Under this regulation, which is still in force, a student may graduate in the College of Literature and Arts without Greek, or Latin, or German, or mathematics, or economics, or history, or philosophy.

In making up his list of elective subjects each student has since been required to take a minimum amount in each of five fields of knowledge. This minimum amount is the equivalent of one subject taken for four hours a week through a single year. The general fields or groups are as follows: I. English, including English literature and rhetoric. II. Foreign languages. III. Social sciences, including history, economics, political science, and sociology. IV. Mathematics and philosophy, including mathematics, education, philosophy, and psychology. V. The natural sciences. It will be noted that within nearly all these groups there is a wide range of choice. Thus, in foreign languages, the student may confine himself to Greek or Latin, or to one of the modern languages. In the social science group, the student may make his selection from any one of the four subjects noted. The range of choice is particularly large in group IV, in which the student may choose mathematics on the one side, or education and psychology on the other.

Even if the group requirements be added to the list of prescribed studies, nearly two-thirds of the whole course remains open for elective studies, subject only to the condition that one of these subjects, *called a major*, must be taken for at least three years.

It may be noted as of special interest at the present time, that this course, adopted at the University of Illinois six years ago, corresponds almost exactly to the principle announced by President Lowell in his recent inaugural address; namely, that each student should be required to have a minimum amount of instruction in each of certain main divisions of human knowledge, and that he should be required to pursue one subject long enough to master it with a certain degree of thoroughness.

The actual increase in the range of subjects offered as compared with those of ten years before was even greater than these regulations would indicate, since in most departments the offerings had been rapidly increased. Thus, students were given not only a wider choice among departments, but also a far greater range of choice within the same department.

A comparison of the last catalog issued, that of 1908-9, with that of five years ago, shows comparatively few changes in the college regulations. There has been no increase in the subjects specifically prescribed, or in the group requirements. Some

changes, however, deserve notice, as indicating present tendencies.

1. The need of definitely advanced work in major subjects has been further emphasized. In modern languages, for instance, a student offering German, or French, or English, as major subjects, must take three years of work in addition to the elementary freshman courses in those subjects.

2. The requirement of foreign languages must now be met in the freshman year. The obvious reason for this is that foreign language work should be taken up at a time when the student is comparatively fresh from the linguistic training of the high school. It is a well known fact that an older student generally finds the beginning work in a foreign language peculiarly difficult.

3. Another rule recently adopted is intended to enforce the general principle of upper class students taking distinctly upper class subjects. The members of the senior class who take distinctly freshmen subjects may no longer receive full credit for them. There is some difficulty in the administration of such a regulation; but it is argued, in general, that a course which is easy enough for a freshman ought to be too easy for a senior. Another influence working in the same direction is the tendency of nearly all the departments to establish more definite prerequisites for their advanced subjects, so that there may be a real sequence from elementary to advanced work as the student proceeds in his college course. The multiplication of elementary and graduate courses has also been checked in most departments.

To show how the elective system actually works under these regulations, a study has been made of the course taken by the members of the graduating class of 1909. Some of the results are shown in the following table:*

* The list is limited to departments within the Colleges of Literature and Arts, and Science. Military and physical training are omitted, as is also household science, though it is largely taken by the young women who are registered in this college.

ELECTIONS OF THE CLASS OF 1909

	Class-ics		Mod. Langs.			English		Social Science				Philosophi-cal Group			Science							
No. of Students Taking Not Less Than	Latin	Greek	German	Spanish	French	English	Rhetoric	Economics	History	Political Science	Sociology	Education	Philosophy	Psychology	Mathematics	Astronomy	Botany	Chemistry	Geology	Physiology	Physics	Zoology
3 hours.....	41	12	104	23	76	125	130	85	122	83	28	82	63	100	77	57	64	70	42	15	25	44
8 hours.....	23	9	99	22	72	111	92	45	92	83	0	35	9	23	37	0	115	14	7	1	16	8
16 hours.....	11	4	48	0	24	62	21	33	33	6	0	11	0	3	9	0	0	2	1	0	1	0
24 hours.....	8	2	24	0	5	40	13	27	15	2	0	5	0	1	6	0	0	1	0	0	0	0
30 hours.....	5	0	14	0	1	22	4	25	6	0	0	3	0	0	2	0	0	0	0	0	0	0

It will be noted that in addition to rhetoric, which is prescribed, nearly all of the class had taken some work in English and in history. After these the subjects chosen in greater or less amounts by the largest number of individual students were in order: German, psychology, economics, education, mathematics, French, and chemistry. The amount of work required for graduation in major subjects is, as above defined, twenty-four hours. Of the 130 seniors in 1909, 40 had taken this amount of work in English, 27 in economics (largely business students), 24 in German, 15 in history, 13 in rhetoric, 8 in Latin, 6 in mathematics, 5 in education, and 1 in chemistry. The subject having the largest number of students enrolled for not less than thirty hours work was economics; next in order came English, German, and history. The subjects in natural science most generally taken by students in this college, to the extent of one year or more, were botany, physics, chemistry, zoology, and geology. The natural sciences taken for two or more years by individual students were chemistry, geology, and physics.

What has been said so far with reference to the elective system in the College of Literature and Arts relates to the general requirements for the degree of A. B., which apply to all students in the college. There have recently developed, however, a few courses which aim to prepare the student for certain definite callings. Among those so-called vocational courses, the most clearly defined are those in business administration, in journalism, and in household science or household administration. Thus the student who wishes not merely the ordinary bachelor's degree but a diploma

indicating that he has completed a course of training for business, must comply with a considerable number of additional requirements. He must choose economics as his major and take also certain other prescribed subjects which vary in kind and amount according to the specific field of business chosen. In the "General Business Course", there is a relatively large opportunity for election; but in one of the railway administration courses, nearly all the subjects are prescribed. Students of journalism have a somewhat wide range of choice and may choose the major elective in English, economics, history, or political science. Household science is one of the major subjects which may be voluntarily elected by any student; but for those who hold household science scholarships it is a required major.

Thus there have developed in the College of Literature and Arts, certain groups of subjects which must be taken, in addition to the general college requirements, by those who wish to qualify for something more definite than the simple A. B. degree. Apparently these vocational courses with their definitely outlined schedules of study are gaining in popularity; and there is some tendency to outline more definitely other courses which will lead either to educational administration or to the teaching of particular subjects. A somewhat different illustration of a similar tendency is seen in the proposal regarding the honor degree, which is now being discussed by the college faculty. If this proposal is adopted, it will put a premium upon studies which, though not necessarily more specialized than those now taken by the average student, shall be more carefully correlated.

Nevertheless, it seems probable that, though details are likely to be changed from time to time, there will always be an opportunity at the University of Illinois for the student who wishes the modern equivalent of the old "arts course." The "arts course" of the future will probably be like the present system, in allowing a wide range of elections, but at the same time guarding against two recognized dangers of the elective plan. The danger of premature specialization may be guarded against by some such device as the present requirement of minimum amounts in each of five main divisions of knowledge. The danger of scattered and superficial work ought to be met by making it more nearly certain than it is at present that the student who holds the bachelor's degree has really done thorough, advanced work in some one subject.

A more difficult question, which perhaps does not fall within

the proper limits of this paper, is suggested by the rapid growth, within the Colleges of Liberal Arts here and elsewhere, of the vocational courses. It is impossible any longer to discuss these courses from the old point of view. A study may, after all, be none the less liberal because it has some definite and practical relation to the student's future calling. It is the duty of those who believe in the old arts course to take a more positive position, not to deny the educational value of the new and so-called "practical" studies, but rather to stand firm in the faith that there are other values which are just as important as those which are obviously "practical". It is their business to insist that a man who wants to be something more than a mere engineer, or a mere lawyer, or a mere business man, or a mere professor, needs to build his professional studies upon a broad foundation of literature and science. The cares of professional and business life are certain to be absorbing and narrowing enough at the best. It is in the early years of college life that young men and young women need to cultivate the larger interests and sympathies which are necessary to full manhood and womanhood, and to the best service of the Commonwealth. This service to youth, which the "arts course" has given, though imperfectly, in the past, is still its ideal for the youth of the present and the future.

In my opinion, the new college with its elective system has demonstrated the immense educational value of freedom, notwithstanding all its excesses and dangers. A boy who is kept away from the water can never learn to swim. Freedom to use opportunity can hardly be given without the risk that it may be abused; but that is a price which must be paid. It is the business of the college to lessen this danger by making the transition from school to university less abrupt than it has been, and by insisting that the college degree shall stand for at least one thing thoroughly done.

Formal regulation, to a certain extent, seems to be necessary; but the great opportunity lies rather in the development of closer, more personal, intellectual relations between students and their teachers. The best remedy for the evils of the elective system, is, on the whole, not less freedom and consequently less adjustment to individual aptitudes, but more intelligent and sympathetic guidance in the exercise of freedom.

*THE ADMINISTRATION OF A DEPARTMENT OF PHYSICS

PRESIDENT HENRY S. PRITCHETT

Of the Carnegie Foundation

The dedication of a noble building on the part of a great institution of learning for service in the teaching of a noble science is an event well worthy of special mark. In our hurried American life we give, to my thinking, altogether too little attention to such events. Great endowments are accepted almost daily with scarcely more than mention. It is worth our while on such an occasion to stop for a moment and consider what the gift means and to ask ourselves with some care how it is to be used. I believe, therefore, that this great university does wisely to set aside a day like this for the dedication of this building and for some consideration of what it means and what its purpose is.

This building is to be devoted to the use of a department of physics, in which students are to be taught the elements of physical science; in it men who are to become physicists are to carry their studies further in the graduate and professional schools, and in this building also will be carried on those studies and researches which look toward the advance of physical science. All this contemplates a complex organization, and I have thought that I could perhaps spend half an hour at this time in no better way than to consider the administration of such a department as is here contemplated.

The word "administration" is today a much abused one and perhaps no other term covers a greater multitude of sins. We hear it every day applied indiscriminately to a railroad and to a university, to the Standard Oil Company and to the religious denominations. Administration is to-day a word to conjure with.

There is more than a passing reason, however, why colleges and universities, and business organizations in the United States are thought of from the same standpoint. Nowhere else in the world do universities and colleges approach so nearly business organizations as in the United States. A university with its board of trustees, its president, its heads of departments and executive officers, its teachers, has, so far as organization is concerned, a very close analogy to a railroad company with its board

*Delivered at the dedication of the Physics building, November 26, 1909.

of directors, its general manager, its heads of bureaus, and its specialists in different departments. Not only is this superficial analogy true, but it is also true that in some institutions the analogy goes much farther than the surface. There are universities where it would be more accurate to call the president the general manager, as they do in railroad service.

There are two sides to all administration, whether it be the administration of an army, of a factory, or of a college. The first concerns itself with the preparation of the machinery to carry out the work. That machinery will vary according to the size and nature of the enterprise. The administration of an army, of a bank, a factory, a college, differ, but each demands machinery suited to the work which it undertakes to do.

The other side of administration, the spiritual side, consists in getting out of the men who compose the machinery and who operate it, the best there is in them. Now the difference between the administration of a railroad and of a college lies not in the fact that the one is mechanical and the other spiritual, because each organization has its mechanical and its spiritual sides; but it lies rather in the fact that in the railroad the emphasis is almost necessarily placed on the mechanical side of administration, while in the college or the university the emphasis ought to lie on the spiritual side of the organization. In a word, while it is necessary to the college and to the university to have some effective machinery to do its work, it is vastly more important from its point of view that the machinery should be alive. This consideration, however, ought not to take away from the fact that efficiency in the mechanical side of administration is, after all, fundamentally important.

It follows, therefore, that in the college organization leadership is the quality most needed. The ideal university president is not of the autocratic type of the general manager, but the leader of a university and the head of a department is not a bureau chief, but he is one who foresees, who plans, and who leads his colleagues and his students. Organized as we are to-day, so far as the mechanical side of college and university organization is concerned, along business lines, we need most of all, in order to make this organization effective for intellectual and spiritual purposes, that some one should scrutinize, some one should plan, some one should lead.

This is the part of the president and of the head of a depart-

ment, and such leadership involves coöperation no less than energetic prosecution of a particular work. A college or a university does not consist of separate and unrelated departments, although we tend constantly in America toward institutions so subdivided. A university consists rather of groups of scholars working together and touching each other at every point. A part of the work of the administrative leader is to bring about this cooperation.

If one really took a snap shot of the American college at this moment, it would be vastly like the attitude of the hippopotamus at the zoo, who stands patiently with his mouth wide open in the hope and expectation that the passer-by will throw in peanuts. In the case of the colleges the attitude is not wholly of this passive sort. The American college president today spends a large share of his time in hunting down the inoffensive and innocent capitalist. I never realized until I went to New York to live how systematic and vigorous this pursuit is.

The question of money for many purposes is, of course, an acute one. I mention here, however, the enormous increase in the asking of the colleges merely to say that it may well happen at our present stage of American education that a careful administrative study of the organization, of the efficiency, and of the expenditures of a great American university may be worth more to the institution itself than more money. I am inclined to believe that what we need today more than anything else in the greatest and strongest of our institutions is a true, serious, and carefully made administrative study of what they are doing with their money at the present moment and whether the productive outcome has a fair ratio to the expenditure.

The suggestion has been made more than once that the Carnegie Foundation should undertake such a study. There are various reasons why it does not seem at this time expedient to go into such an effort. It has been thought well, however, to make some study of this matter, and for that purpose the study has been limited to the administration of the departments of physics in eight colleges and universities of the United States. The point of view from which the study is made is that of scientific business administration. For some years past there has been a constantly rising tide of criticism on the part of business men of the American college and the American university. It has seemed, therefore, to the executive committee of the Carnegie Foundation worth while

to ask a thoroughly qualified expert in business administration to make a study from his own point of view of one department, at least, of American universities. For this purpose there was chosen the representative of a business firm whose work lies in the field of scientific management. The existence of the firm rose out of the fact that many business firms conduct their work upon ineffective lines. The beginning of the study of management as a science dates only a few years back, and even yet in the industrial world there are only a few who look upon it as a science. The development, however, of this science has resulted in an enormous increase in efficiency in those manufacturing establishments which have submitted themselves to its scrutiny and have accepted its advice. For this study, therefore, there was chosen a representative of a firm whose work is that of scientific management.

I have thought that I could do no better service today than to give somewhat briefly the results of this enquiry.

The enquiry was necessarily restricted to a small number of institutions and it was of necessity confined to a single department. The department of physics was chosen not because there was a greater interest in physics than in any other department, but for the reason that it was taught both in the lecture room and in the laboratory and because it was clearly a subject which could be studied from the standpoint of professional training or from the standpoint of intellectual culture. Furthermore, it is in the main taught along modern methods and represents as well as any one study could represent perhaps, the general features of departmental activities in teaching and in research.

The departments of physics of eight institutions were visited. Two were eastern universities (Columbia and Harvard); two were tax-supported universities (Wisconsin and Toronto). A strong technical school was included (The Massachusetts Institute of Technology), a large college (Princeton), a moderate sized college (Williams), and a small college (Haverford).

The fundamental question which immediately arose and which ought to be settled in the administration of any enterprise was, what is a department of physics for? Before one can judge whether a given form of administration is efficient or not, he must know what the administration is organized to accomplish. Singularly enough, at the very threshold of this study the investigator found wide divisions of opinion. There was really no agreement amongst the various departments which were visited as to what a depart-

ment of physics was for. Three clearly marked conceptions were brought out. These conceptions of the purpose of a department of physics were: (1) to teach physics to undergraduate students; (2) to teach physics to graduate and professional students; (3) to carry on research in physics.

The examination which was made, therefore, had to do with each of these clearly marked objects, although in some institutions all three were aimed at, and in other one or two. This fundamental question immediately affected, however, the whole idea of what constitutes efficiency. Is it the main purpose of a department of physics to teach, and if so, to teach undergraduates? Or, on the other hand, is it the main purpose of a department of physics to make researches, and if so, what is research, for there are almost as many sins today covered by the term "research" as by the term "administration?"

The fact is that this fundamental question brought out sharply the tendencies of the past twenty years, under which more and more emphasis has been laid upon which is called research and under which the teaching of physics as of other sciences has been relatively neglected. It is clear today from even the briefest study that there is much poor teaching; and this is no new thing, as we all know, because there has always been a deal of poor teaching in all our colleges and in our universities. The difference mainly is that poor teaching does not today command the same condemnation that it would have commanded twenty years ago if it is in any way excused by some form of devotion to research.

I venture to suggest as one who has spent his life partly in the place of teacher and partly in the place of administrative officer that the necessity for good teaching is never so strongly impressed upon one as when he has sought to consider it from the standpoint of a president of an institution. Only the man who considers the student in his relations to one teacher and to another, to one department and to another department appreciates at its full the value of good teaching or realizes the far-reaching harm of poor teaching. It is only by some such experience that one realizes his own shortcomings as a teacher, and as I look back upon my own life, I am inclined to feel that the real way to prepare a man for teaching is to make him a college president first and then let him teach afterwards. When one considers the rapidity which the professors of physics of this country are being made into college presidents, it seems likely that there

would be an administrative opportunity in a few years to recruit the most efficient corps of teachers of physics possible from the college presidents.

In seeking to give the principal conclusions to which this investigator from the business world has been led, I am obliged, of course, to omit many of those which would be the more interesting and which I hope those who are interested in physics will be good enough to read in their complete form a little later.

From the standpoint of mechanical organization the writer sought to obtain some relative figure as to the cost of conducting a department of physics in these eight institutions. In seeking to compare them the difficulty was to obtain some sort of standard unit of comparison. He finally hit upon what he has called the "student hour." By a "student hour" is meant one hour of lectures (equivalent to two hours of laboratory work) or one hour of recitation for a single student. Thus, a section of thirty students in a three-hour a week period would mean ninety student hours; a section of ten students in one hour recitation would mean ten student hours. By the use of this unit it was therefore possible to compare institutions with a large number of students and those with a small. Upon the basis of the student hour, therefore, he found the following results: At Columbia, Harvard, and Haverford the cost of the conduct of a department of physics is at the rate of \$1.08 per student hour; at Princeton it costs 99 cents per student hour; at Williams, 95; at the Massachusetts Institute of Technology, 81 cents; at Toronto, 69 cents; and at Wisconsin, 60 cents. It is a somewhat significant fact that it costs nearly twice as much per student hour to conduct a department of physics at Columbia or Harvard or Haverford as at the two state universities. The reason for this difference rests upon many factors and is not entirely due either to difference in numbers or difference in research. For example, at Haverford, where only a few students are instructed and where but a small amount of money is spent upon research, the cost of the conduct of the department of physics is the same as at Harvard, where a large number of students are instructed and a very large proportion goes for research.

In the second place, as a result of his enquiry, the investigator expressed the conviction that the broader principles of management which obtain generally in the industrial and commercial world are equally applicable in the college, but that up to the present time very little attention has been paid to them. His ob-

ervation is that in every institution progress has been made along certain lines. Such progress, however, is isolated and there is little cooperation between institutions in the betterment of their administration such as one finds in those industries where competition is most intense. The colleges, according to his observation, are not organized for the exchange of help and information. The reasons for this he examines at some length.

Lack of efficiency from the standpoint of organization seems to the writer of this monograph to be evidenced by the wide variety in the type of management of the department. Thus, he describes these departments as varying from the military type, in which one man is the absolute director of the department of physics, to what one might call the committee type, in which even matters of minute detail are administered by committees. The criticism which he makes upon this situation is that such loose forms of organization not only afford no standards for the measurement of efficiency, but also that they constantly tend to place conduct of work and the decision of matters of importance upon those who are least experienced and least competent to perform the work or to carry out the decisions. He asserts that it is a fairly well established principle of management in the industrial world that one can never reach as high a degree of efficiency without a means of measuring it as one can reach if such a means is provided. He admits the difficulty of providing any such satisfactory means of measuring efficiency in such a department, but proceeds to indicate how in his judgment some such measurement may be attained. He also argues that no adequate relief can be obtained for the present lack of efficiency in the conduct of college departments without taking account of this fact.

Following this same course of examination the writer insists that no agency, whether it be an industrial establishment or a college, can maintain efficiency unless some effort is made to set off the amount of production as against its cost. In a word, he argues that in any given department of an institution of learning there is heard today only one side, namely, the call for greater expenditures, for more money, for larger laboratories, for better equipment, for more teachers. He argues that, even taking into account all the differences between an institution like a college, which deals mainly with spiritual and intellectual forces, and a factory, nevertheless it is still true that production and cost must have some relation to each other and that the college must seek

to answer the question as to what this relation is in its own case, if it is to be accepted as an effective agency in civilization. He argues further that the very effort to answer this question will not only not dull the spiritual and moral tendencies of the colleges, but that it will even quicken them and that the answer to such an enquiry will go far toward providing that efficiency which is now lacking.

The writer found the estimate of any measure of efficiency of a department of physics again complicated by the fact that the departments which he examined were seeking to serve two entirely distinct purposes, although these purposes have much in common. Each department was a school in which undergraduate students were taught, and each was seeking to deal with research workers and to carry on research duties. In other words, the mingling of the functions of the teacher and of the investigator has brought about in our departments of physics and in all other departments of science a mingling of aims which shows itself everywhere throughout the work of these departments and which has tended in considerable measure to confuse the aims of those who administer the departments.

In his analysis of the situation the writer insists that from an industrial point of view the teaching of undergraduate physics and of research in physics have little in common. At the present time both are being handled by the same organization within the same department of physics. His criticism of this arrangement is that under it not only is the work of teaching performed less efficiently than it ought to be, but that the whole tendency is to regard teaching as of secondary importance and research as the thing upon which the department is to be judged. This tendency is heightened by the fact that only these men are chosen as teachers and assistants who are believed to have shown capacity for research, and this, notwithstanding the fact that their training as teachers may be most deficient. In fact, the writer of this memoir gained the impression from his intercourse that the function of teaching was relatively looked down upon by the general run of those in the departments of physics and that the duty and ability for research were constantly exalted. Speaking broadly, he finds that more than one-half of the teachers of physics who are met could be included in two classes: first, those who would like to be relieved of all research work so as to be able to give their effort to developing the teaching side; second, those who feel that

their teaching hours are so much time taken away from research.

The writer also devotes considerable time to the character of the research which he finds in these institutions and criticizes with some degree of sharpness the kind of work which goes under the name of research. He expresses his conviction that what is known as research is now being done with the minimum of inspection and control and he suggests in each institution some sort of a general research board whose duty it would be to map out the general policy of the institution in the matter of research, to bring about some cooperation between the departments, to correlate as much as possible the research work going on in the different sciences, to procure assistance for those needing it, and to pass on the expediency of undertaking any common project, keeping track constantly both of the progress of the work and of its cost.

In view of these criticisms which the investigator of these departments of physics has ventured to make, the recommendations which he proposes and which I may briefly refer to here are of interest. The general and sweeping recommendation which the writer makes consists in the introduction into the colleges and universities of what is known in industrial establishments as scientific functional management. Functional management as thus interpreted assumes that the world's experience in all directions has demonstrated the impracticability of successful administrative work under the management of a body of men, either large or small. An executive committee of one is the best committee to have, upon this theory, in charge of any administrative work. The men associated with this leader or under his direction should be free to advise with him in every way, but the final decision in all matters would rest upon him.

Functional management takes the position that even in a partnership of two men the best results will be brought about by assigning to one partner the final authority in one class of questions—let us say, manufacture—and to the other partner the final authority in another class—let us say, sales. In this way the authority in any one branch of the business will be left to one man and with the tendency that that man will be always an expert. There is nothing in this arrangement to make mistakes impossible, but it can be demonstrated that in the long run much more progress will be made than when it is necessary to have everything passed upon by two or more men. Applied to the work

of the colleges, the functional method would then mean that the work of any one institution will be divided into ten, fifty, or a hundred functions and that in each of these functions some one person must be supreme. It is to be noted that there is a vast difference under this conception in dividing all the work of a common understanding between a certain number of persons, each of whom performs many functions, and in dividing all the work up into a certain number of functions with some one person supreme in each function. Under this last arrangement it is possible to have a real expert pass on each question that comes up for settlement. Under such an arrangement the writer holds that neither the autocratic system of administration of a college department which sometimes is seen would be possible, nor would the committee system, under which all details are passed on by three or four men, be used, but that the work of a department would be so analyzed that an expert would pass upon each side of it, and thereby its efficiency would be greatly increased. In illustration of what he means, the writer instances cases in the various departments where the head of the department not only teaches or carries on research, but in which he performs both of these functions and at the same time serves as a purchasing agent, conducts a large correspondence, sometimes with his own hands, sometimes with the help of a stenographer, is wanted for expert consultation on the affairs of his own institution and of outside institutions as well, and has in addition a private practice which requires earnest attention and calls for a considerable expenditure of time. In fact, the head of the department or the professor is performing a variety of functions which extend all the way from the effort to compass a high order of research to the attempt to conduct a retail business. He argues that this effort to cover a wide variety of functions must inevitably lead to inefficiency and that the man whose primary function is evident should be left free to carry out that function efficiently and well, and that in this direction lies not only better work, but economic saving.

The writer admits that before it will be possible for those in charge of various departments to relinquish any of the manifold duties which they now perform, it will be necessary to build up the agencies by which these functions can be more advantageously carried out, the effort being always made to put them into competent hands. In this effort he finds himself squarely face to face with the question as to whether it will be possible to convince a

college professor that it will make for efficiency to take a duty away from him and give it to one who is going to perform it in a different manner. For example, he finds on enquiry that the teachers who purchase supplies and whose time is largely given to that function strenuously insist that they are the only individuals competent to deal with this particular function, and while the writer admits the need for some expert in the making of such purchases he nevertheless tries to show, from his point of view, that the purchase of supplies can be compassed more economically and more efficiently by an administration which does not lay that duty on a professor whose whole time ought to be given to higher intellectual duties. The idea of scientific functional management is the one which lies back of all the recommendations which the writer of this study makes.

As a consequence of this fundamental idea, he argues for a separation in a more marked way of the work of teaching from the work of research. Admitting as he does the intimate connection between the work of the teacher and that of the research worker, he nevertheless argues that for the teaching of undergraduate students it is economically and scientifically desirable to employ men whose heart is rather in the teaching than in the research and that such men are likely to do better teaching and poorer research work than those whose heart is primarily in the research and not in the teaching. In this connection the writer makes an interesting effort to separate the expense of the eight departments of physics which he has examined as between research and teaching. This expenditure shows that the variations indicate in many respects a general difference of policy in different institutions. For example, the department of physics in the University of Toronto devotes some 77 per cent. of its whole budget to the teaching side and only 23 per cent. to research work in physics, whereas in Harvard University 46 per cent. is devoted to the teaching side and 54 per cent. to research, a situation which marks at once a wide difference in policy in the conduct of the two departments.

Following this general method of reasoning, the writer also urges that much remains yet to be done in raising the present low scale of salaries in the colleges and universities, but he argues with energy that the way toward this result lies in dropping the present agitation about low salaries and in raising the cry for greater efficiency. The time of the college teacher, he believes highly trained as that teacher is, is now utilized in an inefficient

way, and before society will be willing to accord him a higher rate of pay, it must be more clear than now that his services are being efficiently used.

Finally, the writer argues that with a growing reliance on experts developed through the use of scientific functional management, the development of standards which will gradually measure the efficiency will proceed rapidly and that the development of such an idea of functional management will ultimately eliminate both the one-man idea of management and the committee idea of management, and that both of these will give place to a functional system of conduct of an institution in which each worker is efficiently engaged in the work for which he is on the whole best qualified. In a word, he believes that notwithstanding the difference in the kind of problem and in the organization itself, and notwithstanding the difference in the products of a shop and of a school, the fundamental principles of industrial organization still hold and that these fundamental principles require that some method be developed under which both the work itself and the duty of passing upon the work be entrusted to experts, cooperating the one with the other. It is some such general conception of administration as this which the writer urges upon those who have to do with the administration of college departments.

The question will at once be raised in the mind of any student, how much significance can such a study have from the standpoint of those who are charged with the administration of college departments? In what respect, in other words, are college problems like those of a factory? In what way may one speaking from the viewpoint of the expert in industrial management help those who are dealing with the administration of our colleges and universities? Are there fundamental underlying principles of administration and of management which are alike applicable to both enterprises?

The business man has for some years insisted with greater or less intensity that the administration of our colleges was defective and that he was in a position to better it. I do not think this claim has always been received in the most friendly way by college teachers and presidents. We are inclined to look upon the business man as an outsider who knows nothing of our problems and who is, by reason of his viewpoint itself, unable to deal with them.

I question whether this attitude is a justifiable one. However one may insist that the college is an intellectual and spiritual



THE NEW PHYSICS BUILDING

organism, it is still true that it rests for its success upon some form of machinery of administration and that the underlying principles which have to do with efficiency in the administration of a factory may be quite the same as those which have to do with efficiency in the administration of a department of physics. I venture, therefore, to commend this study to thoughtful men without seeking either to prove or to disprove it, on the ground that it is an intelligent study from the standpoint of the business administrative expert; and I am clearly of the opinion that there are suggestions in this paper which the college itself will do well to heed. I cannot myself doubt that the time has now come when the great complexity of our educational organizations demands a better administrative study than they have hitherto had. The time has come when we must organize our large and growing establishments along such lines as will indicate approximately, at least, some relation between the enormous sums of money which we are spending and the output of work which we can show. We must, in my judgment, learn more efficient coöperation. A university must be one organism, not a series of unrelated parts. In our growth of the last twenty-five years we are apt to criticize the old-time curriculum of Latin and Greek as being separated from the other departments of learning and from the world itself, and yet we have before our eyes today instances of institutions of learning in which the departments of physics and chemistry and biology and botany have very little more in common than the departments of Greek, Latin, and mathematics. In fact, it may be doubted whether the new curriculum of today shows any such solidarity of spirit and of understanding as the older and simpler curriculum of mathematics and the classics. It is clear that a university is not merely a collection of departments, but that some form of coöperation and of coordination of work within the university itself must be attained. Furthermore, I cannot doubt that the writer of this paper is right in urging that there must be better teaching and that there must be some separation of activities as between the duties of the teacher and the duties of the investigator, and that furthermore, we must a little more clearly indicate to ourselves and to the world just what we mean by research and just what research means to the university.

In a word, this study seems to me to point to two conclusions of enormous significance to the American university of today:

1. The university must organize its activities in such way that they may show a better cooperation and a higher efficiency.

2. The American professor must submit in the end to a keener scrutiny of his work and of his results, whether that work lie in the direction of teaching or whether it lie in the direction of research; and I cannot but believe that the frank facing of these two questions looks in the direction not only of a more efficient economic function for the university, but also in the direction of that greater intellectual and moral sincerity which the university seeks to attain.

PROFESSOR JOSEPH BIEDER

Professor Joseph Bieder, of the University of Paris, France, delivered a series of six lectures at the University in the second week in December. The lectures were given under the auspices of the Department of Romance Languages, and dealt with subjects from mediaeval and modern French literature. Professor Bieder holds the chair in mediaeval and modern French Literature at the University of France. He is recognized as the leading scholar in his subject, and lectured at a number of eastern universities before coming to Illinois. On the evening of December 17, a reception was tendered him in the Woman's Building at which, in response to an address of welcome by President James, Professor Bieder made the following remarks, a translation of which is given :

Mr. President :—

I thank you for those eloquent and generous words, for the kind things that you have said of my country.

"France, mother of arts, of arms, and of laws," thus did one of our poets praise her formerly, thus have you just lauded her, and she merits your praise because of her labors, her virtues, and because of the love which she has ever borne the noble American nation.

Who am I that I should speak this evening in her name? Naught but one of her least worthy sons,—and yet one who has learned from her to cherish your country. That instinctive sympathy, which was in my blood as a Frenchman, has been transferred into an admiration based upon respect, reflection and reason, during the three months that I have been the guest of the universities of America. This privilege, this intellectual profit, of having known you more intimately, I owe to the Federation of the Alliance Francaise, that is to say, to that group of Frenchmen, and, above all, of good American citizens who are striving to multiply between our two nations the bonds of union and intellectual intercourse.

They desire to establish exchanges of professors, and they have sent me, in order that I might be with you as a colleague among colleagues, as a worker among workers. Certainly they ought to have chosen another than myself, better qualified for such a duty, and I know only too well, gentlemen, that I have not merited the splendid welcome which you have given me, and yet I have done my best. At Harvard, at Yale, at Columbia, at Johns Hopkins, at the Universities of Pennsylvania, of Chicago, of Wisconsin, and in this beloved University of Illinois, I have lived the life of my colleagues in the departments of Romance Languages. I have seen them not amid the formalities of public meetings or of university festivities, but in the intimacy of their daily labor. I have worked with them. I have talked with them about the books and articles of research which they are preparing. I have read their proof-sheets. I have received the confidences of their scientific projects. I know almost all that is being done today or what will be

done tomorrow for the progress of Romance studies among you. I have listened to my colleagues in their faculty meetings, in their courses, in their seminars. I have seen them devoted to their duties, very close to their students, justifying that beautiful saying that "teaching is friendship," and above all, I have associated with their students, all these eager young men, your scholars of tomorrow, who already have learned the great secret of laboring with modesty and with love for their labor.

Thus have I understood that your universities, full of ever increasing vigor, form one of the most beautiful adornments of your land. To have seen these things, to have understood them, felt them,—this has been for me a great privilege and a great joy. What have I given you in return? Nothing but my poor good-will!

But others will come after me, without doubt. My visit is but the beginning of an experiment, the idea of which, although undeveloped, is nevertheless a beautiful idea. It consists in believing that, the deeper the acquaintance between French and American professors and students, the better may we all serve, you your fatherland, and we ours. We need not model ourselves, one upon the other. Your universities are splendid, not because they resemble those of Europe, but because they are true to themselves. Your scholars are of value, as are our scholars, because they are themselves, because both represent the temperament of our differing races, each one emphasizing something of the genius of our respective lands. But every nation that isolates itself in its pride, becomes impoverished and narrow, and this is why it is excellent to exchange our professors, our students. We have need, each of the other, and in accord with the word of Rabelais:—"We ought to learn both how to lend and how to borrow." Said Rabelais:—"Imagine another world, in which each one lends, each one owes. Let all be debtors, all be lenders. What harmony! For Nature created man only that he might lend and borrow. Believe that it is a divine thing to lend a heroic virtue to owe." And another Frenchman, Voltaire, has spoken in this wise:—"It is with science as with the fire of our hearts. We take it from our neighbor; we carry it to our home. Others come and take it from us. It passes from hand to hand; it belongs to no one; it is yours; it is everybody's."

It is in this spirit, gentlemen, that I express to you my best wishes. From the depths of my heart I thank you. I wish all prosperity to President James, to him and to all who are dear to him, to your College of Literature and Arts, to your Graduate School, to the Department of Romance Languages, to you all, my dear and honored colleagues, to this whole beautiful University of Illinois. May it ever grow greater! May all the universities of America prosper for their greatness is vital, not merely to the glory of a country which was ever dear to France; it is vital also to the welfare of humanity. Long live the University of Illinois! Long live American learning! Long live the Republic of the United States!

UNIVERSITY FOR THE QUARTER

On Friday and Saturday, November 26 and 27, occurred the exercises connected with the formal dedication of the new Laboratory of Physics.

This new building is one of the most substantial ever built on the campus, and when the equipment is all in place, it will contain facilities for work equal to those offered by the big technical colleges of the country. Governor Deneen was present, and presented the building to the University, and President James delivered the charge to Professor A. P. Carman, head of the department of physics. President Henry S. Pritchett, of the Carnegie foundation for the advancement of teaching, delivered the main address of the day. The full text of his address will be found in another part of the *Quarterly*. Professor A. G. Webster of Clark University was also among the noted speakers of the occasion. Exercises were held Friday afternoon and evening, and three sessions on Saturday. Many men prominent in physical work and scientific teaching were present, and a number of good addresses were delivered at each meeting.

It is to be regretted that these exercises in the dedication of the new building, which means so much to undergraduates, and which will be used so largely for undergraduate work and study, should have occurred during the vacation period when practically all of the students were out of town. Classroom work in the new building will begin immediately, and the increased laboratory facilities will no doubt mean that better work than ever before will be done. The University should be

proud of this magnificent new building.

Professor S. S. Colvin has just had issued by the School of Education a bulletin containing an address on Formal Discipline which he recently gave before the Schoolmasters' Club of Illinois.

Professor L. M. Larson has recently published a Syllabus of European History for use in secondary schools. The work covers the field of ancient, medieval and modern European history.

Fuel Tests of Illinois Coal by Professor L. P. Breckenridge, former director of the Engineering Experiment Station of the University, has been issued under the charge of Professor W. F. M. Goss, the present director, as Circular No. 3. It consists of a compilation of data relating solely to the coals of the State of Illinois, selected from the complete reports of the government investigations of fuels of the United States.

The Utilization of Fuel in Locomotive Practice is the title of a bulletin by Dean W. F. M. Goss, which has been issued by the United States Geological Survey.

The November number of the Yale Review contains an article by Dr. John K. Towles of the department of economics. The paper is a discussion of Early Railroad Monopoly and Discrimination in Rhode Island, from 1835 to 1855. It is a careful presentation of a subject of which comparatively little is known.

Mr. William Dietrich, chief assistant in swine husbandry, has published two new circulars under the titles A Portable Ranch Fence, and Feeding the Pig. The former of these describes in

detail the method of making a convenient portable fence, while the second is an exhaustive treatise on the best food and the most satisfactory proposition of various food constituents for hogs.

Dr. Rufus M. Bagg, of the department of geology, contributed an interesting article on the Roosevelt Deep Drainage Tunnel to the November number of the Engineering and Mining Journal. The tunnel is to drain the Cripple Creek district to a depth 700 feet below the lowest levels, and in his article Dr. Bagg describes the method of blasting, the obstacles encountered, and the methods of overcoming them.

In the December number of the American Journal of Science appeared an important article on "The Ordovician and Silurian Formations in Alexander County, Illinois," by Professor T. E. Savage, professor of stratigraphic geology.

Dr. Richard S. Curtiss, assistant professor of organic chemistry, and Miss F. G. C. Spencer, M. Sc., '09, are the authors of a research study, entitled, "The Action of Alcohols, Acids, and Amines on Methyl Oxomalonate," in a recent number of the Journal of the American Chemical Society.

Professor George T. Flom, head of the department of Scandinavian languages and literature, was on the program for the meeting of the Viking Club, held in London, England, on December 10. The subject of his discussion was Norse Elements in English Dialects. His address was read before the meeting of the club.

Professor H. L. Rietz has an article in the recent number of "Biometrika" on "Inheritance in the Production of Butter Fat." This important journal is devoted to the applications of statistical methods to biological problems. Such work as is presented in this paper is of importance in the breeding of

dairy cattle, and students of agriculture will be interested in the results which are presented.

The Trustees have recently appointed to the position of Professor of Electrical Engineering, Dr. Ernest Dr. Berg J. Berg of Schenectady, New York, who has taken charge of the department.

Dr. Berg was born in Sweden in January, 1871. He graduated from the Royal Polytechnic Institute, Stockholm, in mechanical engineering in 1892, and came to the United States the following year. For the past seventeen years he has been associated with the General Electric Company at Schenectady, which company he now leaves for the work of the University. He was responsible both for the design and the installation of the first rotary transformers ever installed in the City of New York; and since these were installed he has had part in the development of the various forms of electrical machines which have made up the product of this country. During recent years he has been closely associated with the celebrated Dr. Steinmetz in the work of the General Electric Company. During the last three years he has served as a special lecturer at Union University at Schenectady; and he received from that institution in 1909 the honorary degree of Doctor of Science. His scientific contributions are numerous and of real value; and he is said to understand English, German, French, Swedish, Norwegian, and Danish. Dr. Berg succeeded as head of the department of electrical engineering, Professor Morgan Brooks, who is now absent on leave in foreign study. Professor Brooks will not, however, sever his connection with the University, but on his return will continue as a professor in the department.

The intimate relations between the University and the people of the state were emphasized

Missionary Work more than ever during December, when the College of Agriculture inaugurated its new policy in regard to impressing upon Illinois farmers the value of scientific soil fertilization. Half a dozen members of the instructional force of the college were sent down to the southern part of the state to engage in a systematic campaign of education among the farmers. Originally, the land in that section was not over rich, and cultivation has served to increase its acidity. The University men have gone from farm house to farm house, explaining the imperative need of new methods of tillage, and the ease with which old ways may be exchanged for new. They have urged the employment of ground lime for the correction of the acidity of the soil, and the planting of leguminous crops for the fixation of nitrogen. If the present experiment proves successful the same methods will be followed in other parts of the state.

In the presence of distinguished guests from all parts of the state, the University faculty,

Farmers' Hall of Fame and members of the undergraduate body, the name of Cyrus H.

McCormick, inventor of the reaper, was admitted to the Illinois Farmers' Hall of Fame, on the afternoon of Wednesday, December 15. The occasion was made a memorable one, and the honor to Mr. McCormick was conferred under auspicious circumstances.

Members of the McCormick family, business associates, and friends of the inventor, as well as representative farmers of the state were present at the exercises which were held in the University declared they had shown a more en-

sity Auditorium. All classes were suspended for the day, beginning at 2 o'clock. At 2:15 the members of the various faculties, garbed in academic dress, marched in procession from the Agricultural Building to the Auditorium, where they occupied seats in the parquet. The speakers and visiting guests were seated on the platform.

Hon. A. P. Grout chairman of the Illinois Farmers' Hall of Fame commission and a member of the University Board of Trustees, presided. After two selections by the University band, he spoke briefly of the significance of a hall of fame, and especially one which was to commemorate the works of men who had enriched the agriculture of the state. He introduced Governor Charles S. Deneen, who spoke, in part, as follows:

"It is altogether fitting that the state of Illinois should be the first to establish a hall of fame. Despite her advance in manufacturing, agriculture has been the chief contributor to her progress, and no one invention has contributed more to the advancement of agriculture than the reaper. It's invention was the first step to lighten the day for the farmer. The greatest honor is due Cyrus Hall McCormick because it was through this first great triumph that most of the later laborsaving devices for use on the farm were made possible. The conquering of the opposition to the reaper was due to his courage, perseverance, and the unbounded faith in his invention. He stands as a representative of the whole pioneer class of the nation."

Governor Deneen was followed by President James who greeted the guests in behalf of the University. He congratulated the farmers of the state on the success attending their efforts in building a great agricultural college, and

lightened perception of what should build up an institution than had the members of any other profession in the community.

Congratulatory messages from the governors of twenty-four states, and secretaries of agriculture from fourteen states and Canada, cablegrams from seven foreign nations, and a telegram from President W. H. Taft, were announced by Dean Eugene Davenport of the College of Agriculture. After the announcement the following program of speeches was given:

"The Manufacturer and the Farmer"—Hon. LaVerne W. Noyes, of Chicago, President Illinois Manufacturers' Association.

"The Reaper and the Farmer"—prepared by Hon. LaFayette Funk, and read by Dr. C. G. Hopkins in Mr. Funk's absence.

"The Illinois Farmers' Hall of Fame" (poem)—Mrs. LaVerne W. Noyes.

"Cyrus Hall McCormick"—Colonel Charles F. Mills, of Springfield, former secretary of the Illinois state board of agriculture.

At the close of Colonel Mills' speech, Miss Muriel McCormick, granddaughter of the inventor, unveiled his portrait, which was hung at the back of the stage under an American flag. Dean Davenport received the portrait for the University and pledged his word that it should always hang on the University walls. In conclusion Mr. Cyrus Hall McCormick, son of the man who was so signally honored by the farmers of the state, thanked the commission and the University in behalf of the McCormick family. Later in the afternoon the out-of-town guests attended a reception at the Woman's Building.

Under the direction of Professor S. W. Parr, head of the department of industrial and applied chemistry, the University is gradually acquiring one of the most complete industrial chemistry museums in the country. Processes of manufacture, the completed products, and the types of machinery used in their manufacture, together with the methods of adaption of power, are illustrated by means of lantern slides, or by the materials and articles themselves. The collection will prove of value to the manufacturers of the state and to students in the industrial and applied chemistry courses. It is to form the basis of a series of lectures that are to be included in the chemistry courses in the department.

Dr. H. S. Grindley, Chief of the Laboratory of Physiological Chemistry in the department of animal husbandry, and Dr. W. J. MacNeal, Bacteriologist of the Laboratory, have recently been appointed by Governor Deneen as members of the commission which is to investigate the cause and nature of the disease pellagra. This disease has recently appeared to such an extent in the Bartonville Asylum at Peoria, and in other charitable institutions of the State as

Dr. John Wallace Baird, assistant professor of Psychology, has been appointed to the chair of Psychology in Clark University of Worcester, Mass. This is one of the two graduate chairs of this subject in the United States, the other being at Cornell.

Dr. Baird succeeds Professor E. E. Sanford, who has been elected presi-

Industrial Chemistry Museum

New Appointments

Professor Baird Leaves

dent of Clark University. He will leave the University at the end of this semester to take up his new duties.

Professor Baird has held his present position for the last four years, and under his instruction the enrollment in the courses in psychology has more than doubled. He is acknowledged to be one of the most prominent leaders in his line in America, having unusual ability for both effective teaching and scholarly research.

The Trustees at a recent meeting have located the new main hall on the west side of Burrill avenue, just south of Abraham Lincoln Hall the present Woman's building, and

have decided to name it Abraham Lincoln Hall. The eastern facade of the building will face Burrill avenue at a distance of 70 feet. The building will be 230 feet long, with two wings 127 feet long, the width of the wings being approximately 52 feet. The plans involve an expenditure of \$200,000 in the erection of the building, and \$50,000 more or less in the equipment and furnishing of it. In all probability the building will be used for the departments of English, Romance Languages, Germanic Languages, History, Economics, Political and Social Sciences, Psychology, Sociology, and Philosophy. It will include seminary rooms, conference rooms, classrooms, offices, and two museums. It will be provided with an elevator. It is expected that work will be begun on it early in the spring.

The College of Literature and Arts is trying a somewhat new scheme this year in the assemblies which it proposes holding approximately every two weeks. The programs

arranged include the singing of popular college songs, and the presentation of talks of general interest. So far this year the result of the experiment has proved successful. These assemblies are held in the Chapel in the evening, and the talks given up to this time have called out audiences that tax the limits of the Chapel. The experiment is an effort to bring together the students of the college in a more general way than has heretofore seemed possible.

Announcement has been made of the third annual meeting of Illinois State Academy of Science, which is to be held at the University on February 18 and 19. The session is to open at 2 o'clock Friday afternoon with a business meeting and the presentation of papers. In the evening there will be a reception and the presidential address by Dr. S. A. Forbes. Wednesday will be devoted to informal discussion, the presentation of papers, and a business meeting.

Speaking recently before the Massachusetts Teachers' Association, at Worcester, Mass., Dr. Andrew S. Draper, former president of the University, voiced a criticism that has undoubtedly set many educators to thinking. The speech dealt with Manual training in secondary schools and suggested that the present methods of teaching the subject have failed in their aims. He spoke as follows:

"The manual training movement has played upon the very common but often misguided ambitions of the youth. It has created schools which, like all the other schools, were calculated to lead to higher schools. It has provided one section in a roadway leading to a profession. Of course it was a profession

concerning mechanics but a profession all the same. It has aimed at a calling which would be carried on in an office, or which would manage a business and direct men, and would avoid the smut which is inherent in the factory, and the grime which comes with the handling of tools, machinery and materials. It does not embody the logic or present the plan of procedure which the country and the greater number of its youth most need.

"It has done little to maintain or to restore the equilibrium between the intellectual and the industrial life of the country. In shorter and stronger phrase, it has done little to train workmen, when what the larger part of the children most needed was to be trained into workmen and when what the country most needed was that more workmen should be trained.

"Practically all of the industrial and technical schools now operating in the United States are to be classified as manual training high schools; they are giving a good and useful service; they train candidates for the higher technical schools or they make it a little easier for boys who would rather work with tools than with books; they differ very little from our other secondary schools; their admission requirements, thinking processes, aims and results are much the same; they are essentially college preparatory schools; they do not direct children toward the industrial life, and they do not train workmen. And what the country and the people need is a better appreciation of all that, and a turn which will get us back into the middle of the road."

The Council of Administration has recently passed the following regulations with regard to absences before and after vacations:

1. Students absent from classes im-

mediately before or following a vacation are excluded from the final examination in such courses as they have absented themselves from, and are dealt with as are those students who absent themselves from examinations without excuse.

2. Students who are forced to be absent at times indicated by the above rule may present to the committee on student progress, either before or after such absences occur, a petition asking to be excused. The rule shall not operate upon such students as are excused.

The new rules went into effect with the Christmas vacation, which began at noon, and not at five, p. m., as heretofore. The change in regulation has brought about a good deal of comment from students, but it has served its purpose in reducing to a minimum the cuts before and after vacation.

An Arminius-Schiller celebration was held in November under the auspices of the German department. Dr. Arminius-Schiller Celebration Martin S. Scheutze of the University

of Chicago delivered an address on Five Generations After Schiller. Professor Julius Goebel of the University spoke on Arminius. Many prominent people from Chicago and other nearby cities were present, among whom was Herr Krausmann, German Agricultural Attache to the United States.

The University authorities seem this year to have taken hold of the hazing proposition with more vigor than in previous years, and something like a dozen young men were sent away, most of them permanently, for taking part in hazing scrapes. It looks as though the sophomore in the future who is caught

in a hazing episode might just as well pack his suitcase and move on.

Some of the editors of the State, who know very little about the situation, have taken an opportunity this fall to pronounce all young men who attend the University as hoodlums or bums. Some of them forget how many representative young people there are from their own neighborhoods whom they would not have the courage to criticize personally even if they deserved such criticism. The facts are that the students have not been guilty of any unusual violation of regulation, but that the University authorities have been more than ordinarily vigorous in their enforcement of the rule.

As a result of recommendations made recently by the Senate, the University College of Law has **To Confer New Degrees** been empowered to confer the degree of doctor of laws upon candidates who have successfully completed the required six years' course. The conditions regulating the granting of the degree, as outlined by the faculty of the College and accepted by the Senate, are as follows:

1. No student shall be eligible to become a candidate for the degree unless his bachelor's degree in arts or sciences shall have been received by him at least two academic years prior to his obtaining the degree of J. D.

2. A minimum average grade of 85 shall be required as a prerequisite qualification in the work done for the degree of J. D.

3. The candidate for the degree of J. D. shall be required to present a thesis upon a subject to be approved by the faculty of the College of Law, according to the requirements to be prescribed by the said faculty.

4. Candidates for the J. D. degree in

the combined six-year course must take at least six hours in political and social science during the first year of the law course (during the second year for the class of 1911.)

The first regular meeting of the University of Illinois section of the American Chemical Society occurred on Tuesday evening, October 19. A paper was presented by Dr. P. B. Hawk on The Effect of Copious Water Drinking at Meals; and a second one by Dr. W. A. Noyes on Molecular Rearrangement. The result of Dr. Hawk's experiments seem to indicate that the effect of copious water drinking at meals is beneficial. Dr. Hawk believes that in spite of the current teaching to the contrary large amounts of water should be taken at meals.

According to the views of various agricultural papers, the University college of agriculture seems to be the only institution of the kind that is giving special and thorough preparation to agricultural students for teaching the science of agriculture in the high schools and other secondary schools. Professor D. O. Barto is successfully developing this work. It is significant that the demand for such teachers in the leading schools of this and other states is larger than the supply. Requests for teachers have come from Idaho, Virginia, Tennessee, Minnesota, North Dakota, Texas, and Illinois. Recent statistics show that there are now sixty agricultural high schools, and 346 public high schools teaching agriculture in the country, as compared with ten agricultural high schools twelve years ago.

Professor Arthur G. Webster, of Clark University, gave a series of lectures on scientific subjects at the University during the week beginning November 29. On Monday morning he spoke on "The Classification of Mathematical Physics with Respect to Mechanics." The same evening he lectured on "Great Physical Problems of the Past, Present and Future," with the members of Sigma Xi, the scientific fraternity, as special guests, and Dean Eugene Davenport, president of the organization presiding. On Tuesday, the subject of his lecture was "The Gyroscope and Its Practical Applications."

Beginning after the holidays the intermission period between class hours is ten minutes, **Longer Intermission** instead of five, as heretofore. The congestion in the halls while students are passing to and from classes is so bad, and the distance which some have to go is so great that the council of administration has thought is best to lengthen the interval. A special effort will be made, however, to begin all classes promptly on time, so that in the long run nothing will be lost and a great deal of confusion may be saved. The electric bells will be adjusted to ring at the proper time.

The Illinois Association of Teachers of English has just published a bulletin in which **English Association Bulletin** Prof. H. G. Paul of the department of English gives a report of a committee appointed to outline a course in English and composition for use in high schools. The difficulties and advantages of drawing

up such a course, together with suggested plans are reviewed by Prof. Paul.

This bulletin is published every month except June, July, August and September, and is of interest to students and teachers of English.

"Deutsche Erde", a leading German periodical devoted to the history and ethnological study of **Goebel's Work** the German nationality in all parts of the world, published recently a favorable criticism of Professor Julius Goebel's book, "Das Deutschtum in den Vereinigten Staaten."

The faculty of the classical departments of the University announce that it is their intention this **Greek Play** year to present a Greek **Announced** play. It has been decided to give Aristophanes' Clouds, and preparations are now under way for choice of the actors and the assignment of the parts. It is expected that thirty students will take part in the play.

The old museum on the second floor of Main Hall has recently been moved out and installed in **The Old Museum** the room prepared for it in the new addition to Natural History building. The space which the museum occupied for so many years is now cut up into small rooms to be used as seminary rooms by various departments of the College of Literature and Arts.

The system of graduate coaches for the football team which has received much comment, **Graduate Coaching** favorable and **System** otherwise, from students and Alumni of the University,

seems this year to have come to a point of justifying itself. The athletic prospects of the University in football have never before been so bright; and the general attitude of the student body toward the coaches never before so favorable. It is the general opinion that the coaches have made good, and that the system has come to stay.

The Players' Club, a dramatic organization composed of members of the Faculty and their wives, has recently elected the following officers:

President—Mrs. T. A. Clark, '91.
 Treasurer—C. F. Kelley.
 Vice President—H. T. Nightingale.
 Secretary—Miss Isabel Jones, '91.
 Stage Manager—F. K. W. Drury.
 The club plans to present two plays during the present academic year.

Many readers of the *Quarterly* will be interested to know that recently the College of Literature and Arts has arranged a course to meet the somewhat

special needs of those students who expect to study law. The course is so arranged as to comply with the general college requirements for graduation and every student who registers for the course will be required to take the prescribed amount of military, physical training, language work, etc., most of which falls in the first year. During the second, third and fourth years the studies recommended include those subjects which are likely to be of special value to students who go into law work, such, for example, as history, economics, political science, public speaking and debating, logic, and rhetoric. Under the arrangement students in the College

of Literature and Arts are permitted to take certain courses in the College of Law, not exceeding a total of seventeen hours and count the same for the degree of bachelor of arts. These courses are contracts, torts, real property, and personal property and, except by special permission of the Dean they must be taken in the senior year. Under no circumstances may any of this work be taken by literature and arts students before the junior year.

The policy of permitting liberal arts students to elect a certain amount of law work and receive credit for it toward the A. B. degree has been adopted by a number of universities and furnishes further evidence of a growing tendency toward a more liberal and elastic college curriculum. Such an arrangement makes it possible for the prospective law student to begin to specialize early in his college course and what is more important it makes possible the taking of both the Arts and the Law degree in six years while a specially competent student may take the Arts degree at the close of the first year in the law School.

Professor Otto E. Lessing, of the department of Germanic languages of the University, has been invited to serve as a corresponding member of the committee in charge of raising an endowment fund for the support of poor authors, as a memorial to the German poet, Frederick Schiller. The invitation comes from Count von Monts, of Berlin, President of the board of directors of the new Schiller Foundation. It is considered a recognition of the active part Professor Lessing took in the Schiller celebration of 1905, when he contributed several minor ar-

ticles and a successful Schiller commemorative edition.

The annual meeting of the High School Conference conducted by the University occurred November 18 to 20. Although a similar meeting was being held in Chicago at the same time, the attendance at this conference was fifty per cent more than it has ever been before, and more than exceeded the expectations of the most sanguine. The conference took up specific subjects and held also general meetings. As at present conducted it bids fair to bring closely together the University and the high schools of the State, and to elicit discussion which will be helpful both to the University and to the high schools.

The Illinois State Geological Survey has just published in Bulletin No. 10, **Geological Survey Bulletin** The Mineral Content of Illinois Waters, a full account of the analyses of the waters of the State of Illinois which have been made in recent years. The names of the men appearing in the bulletin, who have contributed to the work, are Edward Bartow, J. A. Udden, S. W. Parr, and George T. Palmer. The bulletin represents the work of years in collecting and analyzing waters. From 1895 to 1904 the analyses were made under the direction of the late Professor A. W. Palmer, '83. Following Professor Palmer's death in 1904, Professor S. W. Parr, '84, had charge of the work, and later Dr. H. Foster Bain.

The analyses have been made by members of the Water Survey Staff, including Perry Barker, '04; A. D. Emmett, '01; A. R. Johnston, '00; David

Klein, '06; J. M. Lindgren, '02; A. L. Marsh, ex-'00; C. R. Rose; R. W. Stark, '95; and C. V. Millar, '93. 13,873 samples of water have been analyzed from 590 towns in 100 counties.

The Illinois Magazine, after a somewhat checkered existence, followed by a period of complete quiescence, has again reappeared. Its constitution has been changed and its management reorganized. It promises now to appear regularly, and the first three editions have shown considerable vitality. It is to be hoped that it will gain strength and come to have an established place in the University community.

Professor John A. Fairlie of the department of political science has received an invitation to read a paper before the International Congress of Administrative Sciences to be held at Brussels, Belgium, next summer. He has been appointed one of the delegates from the United States to attend the congress.

Professor George A. Miller of the department of mathematics was married on December 23 to Miss Cassandra A. Boggs, '92, of Urbana, Illinois. Professor and Mrs. Miller have taken up their residence in one of the new flats at 1107 West Illinois street.

During the recent mine disaster at Cherry, Illinois, Mr. R. Y. Williams, Director of the Mine Rescue Station at the University, did excellent work. He was equipped with oxygen helmets,

and the other necessary equipment, and made the first descent into the mine. Throughout all the labor which was expended in rescuing the men entombed there, he was most active. His name, and that of Professor Stock, the newly appointed head of the department of mining engineering here, was prominently mentioned in all press dispatches.

The booklet containing the official list of administrative officers and corps of instruction of the **Faculty Directory** University issued this fall shows that there are 485 persons connected with the University at Urbana, and 181 in the colleges at Chicago.

Dr. A. R. Seymour of the department of Romance languages has recently been elected a **Dr. Seymour Honored** member of the Academia de Bellas Artes of Granada, Spain.

Professor H. H. Stock, head of the department of Mining Engineering, was recently appointed **Stock Appointed** a member of the Illinois State Mining Commission by Governor Charles S. Deneen. The commission has been constituted to formulate desirable legislation for the control of mining, and to recommend the same to the Governor in anticipation of the next regular session of the Legislative Assembly.

An exhibit, that the college of agriculture of the University has been preparing for many years, **Agricultural Exhibit** showed over 200,000 farmers at the National Corn Exposition at Omaha, in December, how to manage the soil to prevent agricultural bankruptcy. The exhibit was displayed

from December 6 to 18, and illustrated in an effective manner, the work which the college is doing in investigating soils and improving crops.

Onward Bates, president of the American Society of Civil Engineers, recently spoke **Bates to Engineers** to engineering students of the University. His subject was "The Practical Engineer," and in his lecture he showed the necessity of a broader and more cultural training than is usually thought necessary for engineers. He emphasized particularly the importance of a good command of English as a prerequisite to a successful engineering career.

At the 15th annual meeting of the central division of the Modern Language Association of America, the **Modern Language Association** following members of the University Faculty appeared on the program:

"Fischart and the Volkslied," by Dr. Charles Allyn Williams.

"The Novel in the French Literature of Louisiana," by Mr. Edward J. Fortier.

"The Need of a Critical Edition of Sedaine's *Le Philosophe sans le savoir*," by Professor Thomas Edward Oliver.

"German Hymns in the Church Service before the Reformation," by Professor Neil C. Brooks.

"The *diablerie* in the Old French Mysteries," by Professor David Hobart Carnahan.

"The Development of the Department of News in the *Tatler*," by Professor Chester Noyes Greenough.

"The Philosophy of Juan Valera," by Mr. Arthur Leslie Owen.

"Giosuè Carducci," by Dr. Attilio Filippo Sbedico.

The statistics presented by Mr. W. L. Pillsbury, Registrar of the University, on November 1, are presented below. These statistics show a considerable increase over the registration at the same time last year.

SUMMARY OF STUDENTS, 1908-9

	Men	Women	Total			
Graduate School	214	53	267			
UNDERGRADUATE COLLEGES—						
Seniors	356	138	494			
Juniors	406	87	493			
Sophomores	569	123	692			
Freshmen	765	209	974			
Specials	267	85	352			
Summer Session	477	187	664			
Remained, counted above	274	51	325			
COLLEGE OF LAW—						
Third year	39		39			
Second year	42		42			
First year	58	1	59			
Specials	39	1	39			
COLLEGE OF MEDICINE						
Seniors	141	12	153			
Juniors	112	8	120			
Sophomores	75	9	84			
Freshmen	135	10	145			
Unclassified	17	1	18			
COLLEGE OF DENTISTRY—						
Seniors	33	2	35			
Juniors	19		19			
Freshmen	50	2	52			
SCHOOL OF PHARMACY—						
In Pharmacy, Seniors	84	2	86			
In Pharmacy, Juniors	102	1	103			
In Pharmacy, Specials	27	1	28			
Pharmaceutical Chemists, Seniors ..	6		6			
Pharmaceutical Chemists, Juniors ..	6		6			
Deduct counted twice	3765	880	4645			
Total in University	17		17			
Academy*	269	85	354			
Deduct duplicates	10	5	15			
Total in University and Academy ..	4007	960	4967			
UNDERGRADUATES BY COLLEGES, SCHOOLS, AND CLASSES						
	.. Sen.	Jun.	Soph.	Fresh.	Sp.	Total
Literature and Arts	151	144	175	310	56	836
Science	49	52	73	106	10	290
Engineering	198	240	352	417	44	1251
Agriculture	62	50	86	128	201	527
Library	32	4	36
Music	2	3	6	13	41	65
Total	494	493	692	974	352	3005

Dean O. A. Harker, of the College of Law, addressed the Jackson County Bar Association at its annual meeting and dinner at Carbondale, Ill., in November. He spoke on the College of Law, and law school work generally.

Dr. R. M. Bagg of the geology department recently received a splendid collection of twenty rare minerals from Alaska which he purchased from a government mineral expert at the Seattle exposition last summer. The collection includes meteoric dust, copper nuggets, massive graphite, tungsten and tin ores, and a number of other unusual ores, as interesting as they are valuable.

He also received a number of fossils which he collected at Field, Canada, last summer. These fossils are from the Middle Cambrian and include some exceptionally large well-preserved trilobites.

The Department of Railway Engineering has recently completed a series of tests on automatic car couplers for an iron and steel company of St. Louis. The tests were carried on by means of the new drop testing machine which was installed in the railway engineering laboratory last June. They demonstrated that the new coupler satisfies all the requirements of the Master Car Builders' Association as regards both design and the quality of the material used.

STUDENT LIFE

Preliminary honors for high scholarship in the first two years of work at the University
Preliminary Honors were awarded to sixty-four

members of the present junior class at the November meeting of the University Senate. The number of persons to whom such honors are awarded may not exceed one-tenth of the membership of the sophomore class, and the conferring of them affords an opportunity for sophomores to secure recognition for high scholarship without waiting for graduation. The following men and women were awarded honors:

College of Agriculture—G. C. Edler, C. F. Ferris, J. L. Gardner, F. L. Stout and L. M. Wakeley.

College of Engineering—O. R. Anderson, Bryant Bannister, E. F. Blakeslee, R. W. Brooks, C. F. Cartwright, A. B. Dunham, W. C. Eells, A. L. Enger, F. J. Foesterling, I. W. Foley, F. A. Hagedorn, Wayne Horshman, H. R. Helmle, H. K. Herrecke, H. K. Humphrey, H. M. King, S. A. Jacobson, C. H. Knowles, E. O. Korsmo, R. W. Leutwiler, G. R. Lyman, A. W. Mann, M. S. Mason, J. G. Mench, P. J. Pelouquin, B. H. Pistorius, W. H. Randall, R. J. Roark; W. H. Ruskamp, J. A. Scanlon, E. J. Schell, R. L. Slosson, L. M. Wenter and A. F. Westlund.

College of Law—W. F. Hull, W. B. Johnson, G. B. Weisiger and L. A. Zearing.

College of Literature and Arts—J. P. Benson, Ruth M. Burns, Flora M. Chase, Elizabeth B. Fletcher, G. B. Lear, Ruth Llewellyn, Lillian Mess, L. H. Miles, Lloyd Morey, Lola D. McClurg, Jessie McHarry, Eva L. McIntyre and H. M. Thrasher.

College of Science—E. D. Allen, W.

Elmer Ekblaw, Margaret H. Hallett, Edith I. Hatch, R. F. Herndon, C. J. Lauter, F. W. Mohlman and Genevieve Moore.

The Students' Union has recently issued an attractive and somewhat pretentious circular in **Students' Union** which the purposes and benefits of the Union are set forth. The distribution of this pamphlet was followed by tag day on which every male student of the University was solicited to become a member of the union. A good deal of enthusiasm was aroused, and incidentally some money collected. The union promises January 15 to give a big banquet in the Armory, and to provide an unique general student entertainment.

The freshman-sophomore scrap, which again this year took the form of a push ball contest, occurred on **Push Ball** Illinois Field, October 27. **Contest** It was under the general charge of the Students' Union, assisted by Phoenix and Shield and Trident. Specific rules had been formulated before the contest occurred, and these were strictly enforced. The contest was perhaps not so spectacular as last year, but there were no serious injuries; and at its close the general understanding was arrived at that class hostilities had ceased. The score was fifteen to zero in favor of the sophomores. The student sentiment is somewhat divided as to whether push ball furnishes a better class contest than did the old color rush, but in all probability the newly adopted system will continue.

Mr. T. H. Guild, associate in English, is the publisher of a new Illinois composition, known as the "Illinois **Celebration Song** Song." The music and the words are melodious, and the piece has already "caught on." Mr. Guild is known to the Illini as the composer of "Illinois Loyalty" and "The Siren Song."

Mr. C. H. Forsyth of the Mathematical department is undertaking a statistical and **Students' Expenses** economic study of conditions among the students at Illinois. He is investigating the expenses incurred by each individual student by means of estimates made by the student himself regarding his entire expenses last year. His investigations, so far, have concerned only fraternity men and his results are becoming very interesting. The reports received up to the present time represent seventeen fraternities. Later the study may be extended to a comparison with a like number of students who are not living in fraternity houses, including also those who are self supporting.

Eighteen players on the 1909 Varsity eleven were awarded the Varsity football emblem at a **"I" Presentation** massmeeting held in the Auditorium on Thursday evening, December 16. The men receiving the "I" were Captain Baum, Captain-elect Butzer, Richards, Seiler, Bernstein, Anderson, Dalenbach, Gum, Hull, Lyons, McCleary, Merriman, Mountjoy, Oliver, Roberts, Springle, Twist, and Brown. Speeches were made by Dean Clark, Dean David Kinley, Professor H. B. Ward, and by Coaches "Artie" Hall and Justa Lindgren. Several members of the eleven

also made brief talks. The faculty speakers praised the work of the team during the past season, Dean Kinley thanking the eleven for its loyalty and service in making the University renowned in the athletic field. Coach Hall took advantage of the occasion to express his thanks for the monster memorial petition that was presented to Lindgren and himself last spring by Illinois alumni and undergraduates.

Second year men had their traditionally hard time this year in selecting a class emblem that **Sophomore Emblems** would prove suitable to the majority of members in the organization. The emblem finally selected was a watch fob. Last year the sophomore emblem was a class shirt, and the year before, a cane. The custom of adopting the same emblem year after year, as is the case in the senior, junior, and freshman classes, has not yet appealed to the sophomores.

The University Glee and Mandolin Clubs, increased at the end of last season from thirty-two to forty-four members, appeared in the Walker Opera house in their nineteenth annual home concert on Saturday, December 11. Both matinee and evening concerts were given, and both were well attended. New features of the programs were a melophone quartet and the presence of an orchestra of nine men from the two clubs, who played between the first and second parts of the program. The clubs played in Springfield at the Chatterton Opera house on the evening of Friday, December 3. They expect to take their annual trip during the Easter vacation.

Students in electrical engineering will hold their annual electrical show on February 10, 11 and 12. The exhibition is to be held in the electrical engineering laboratory, where similar shows were held in 1907 and 1908. Last year this feature was discontinued, but the Electrical Engineering Society, which has charge of the show, is planning energetically and expects this year's display of electrical apparatus to surpass all previous efforts. Practically all the apparatus on exhibition is now being made by the students themselves.

Illinois still maintains her percentage of 500 as the result of the annual skirmishes with other universities of the Central Debating League on Friday, December 10. The varsity, represented by C. M. Walter, R. B. Fizzell and T. C. Angerstein, lost to the team from the University of Iowa, in the Auditorium, by a unanimous decision, while the Illini who went to Wisconsin, won from the Badgers by a unanimous verdict. The winning team was composed of E. M. Miller, H. J. Bandy and W. B. Johnson. Iowa's representatives, who won on the home grounds of the Illini, were Clifford Powell, Earl Stewart and Carl Byoir.

Both the winning teams supported the negative of the question, "Resolved: That a graduated income tax, with an exemption of incomes below \$5,000 per annum, would be a desirable modification of the system of federal taxation." Prior to this last series of debates, Illinois had won three and lost three contests in its meets with other Universities in the League. As a result of the recent decisions, the score now stands four to four.

Dean O. A. Harker, of the College of Law, has announced the names of students in that College, who have been awarded scholarships for the year 1910-11. The law curriculum is divided into two branches, adjective law and substantive law. The scholarships in each branch are awarded annually to members of the senior and junior classes. Adjective law scholarships were received by B. A. Strauch and J. E. Layden, seniors, and by W. B. Johnson and W. F. Hull, juniors. In substantive law the fortunate students were F. P. Benjamin and T. C. Angerstein, seniors, and G. B. Weisiger and L. M. Thompson, juniors.

Initial steps toward the formation of a national organization of university and college Scandinavian clubs were taken recently at a meeting in Rock Island, Ill. Representatives from organizations at Illinois, Iowa, and Minnesota universities, and from Bethany and Augustana colleges, were in attendance. "Scandia" is the name of the new organization, which is to hold its first national convention at the University of Iowa, at Iowa City, in February. Miss S. L. Dewey, of the University, is secretary of the association.

Phillip F. Gray, a freshman in the College of Literature and Arts, won the undergraduate golf championship in November in a series of matches on the University links. Gray is well known in Chicago golf circles, having done most of his golfing on the links of the Maywood Country club. He retains possession of the trophy cup until next fall, when he will have to defend his title.

Members of the senior class in the College of Law who were elected to **Theta Kappa Nu**, the **Theta Kappa Nu Pledges** honorary law fraternity, are R. M. Hayes, J. M. Powers, O. W. Hoberg and O. Frederick. Membership in the fraternity is based entirely on scholarship, the four highest men at the end of the second semester of the junior year and the four ranking next in order in the first semester of the senior year, being eligible. Juniors, who were elected to membership last year, are L. S. Mangas, B. A. Strauch, F. P. Benjamin and T. C. Angerstein.

The state convention of the Young Men's Christian Association was held at the University from **Young Men's Christian Association Conference** October 21 to 24. A large number of delegates, including college students and college instructors, were present at the convention; and it was the opinion of those who were in attendance that the most successful convention in the history of the association was held.

University students show a remarkable tendency toward organization, if a recent article in the **Illinois Organizations** is to be believed. One hundred and twenty-five societies were discussed, with a total membership of five thousand. The University now supports eighteen national social fraternities, and eight national sororities. There are nine local clubs, two local sororities, and a number of semi-religious organizations. There are clubs for women, and clubs for men, senior societies, athletic associations, and departmental clubs, musical organizations, and organizations in ora-

tory and law. Many of the societies, too, represent localities, such as the Egyptian club, the McHenry County club, and the organization of the men from the Crane Manual Training School. Altogether the University students seem widely, if not wisely organized.

The department of psychology has just published a series of articles which give the results of recent experiments. Among **Psychology Experiments** the topics treated are the following:

The Color Percepts of Animals, by Professor S. S. Colvin, head of the department of psychology, and Mr. C. C. Burford. Other articles are: Instinct of Young Birds by F. Kuhlmann; Ideational Types of School Children, S. S. Colvin and E. J. Myers; Analysis of Memory Consciousness in Orthography, by Edwina Abbott; Relation Between Learning and Recall, by Edwina Abbott. This paper by Miss Abbott is her thesis for the master's degree which she received last Commencement.

Other work that is being carried on in the department consists of studies on Absolute Pitch Memory, and on Taste Qualities, by Dr. J. W. Baird. This work is nearly ready for publication and will appear sometime during the winter.

The department is now located in the rooms formerly occupied by the classes in general engineering drawing.

Osborn Hall, a dormitory and home for young women at the University, was formally opened on **Osborn Hall Opened** October 26. Addresses were made by the Right Reverend W. Osborn, D. D., Bishop of Springfield; President Edmund J. James; Dean Lily G. Kollock; and the Right Reverend Charles

P. Anderson, D. D., Bishop of Chicago. A reception was held after the close of the service, and the house was open to visitors from eight to ten in the evening. The hall is located at 907 South Wright street, Champaign, and affords accommodation for thirty young women, a matron, and the deaconess of the parish. It is an attractive, well built structure in which young women will like to live. In building it, Episcopalians have set an excellent example to other religious organizations.

A number of students in the senior class are somewhat concerned because a rule passed three years ago with regard to students' grades will this year for the first time become operative. The rule reads: "A student having grades below 75 in studies aggregating 25% of his entire work shall not be graduated." Students who have made mathematical computations upon their previous grades are concerned to know just how fully the rule will be enforced. The Faculty has not yet made any provision whereby students who have failed to meet the requirements of this rule may make up their deficiency and be allowed to graduate. Not all members of the Faculty are convinced that the rule is a good one, and a large number of students are sure that it is not.

The annual Christmas concert of the University Choral and Orchestral Societies pleased an appreciative audience in the Auditorium on the evening of Tuesday, December 14. Features of the concert, in addition to the excellent rendition of "As Torrents in Summer", from "King Olaf", by the chorus, were the singing of Sullivan's "Beleagured" by the members of the Glee Club, a solo by Mr.

Charles E. Lutton, and selections by the orchestra. The May Festival will be held on May 2, 3 and 4, when the Societies will be assisted by the Minneapolis Symphony orchestra, and Madam Olitska.

The agricultural students did something unique last year when they inaugurated their **The Ag. Round-Up** round-up, and they have the good sense to continue the business. According to their own statement, they offered the biggest and best feed ever given at a stag, as well as the most varied and entertaining program. They intend to repeat the process again this year on January 14.

The Freeport College club, comprised of University of Illinois undergraduates, entertained **Up-State Students** on the evening of **Busy** December 30 at its third annual holiday dancing party, in that city. The event was notable because of the large number of visiting students and alumni who attended from various cities in the northern end of the state.

The Junior Promenade of the class of 1911 was given in the University Armory on Friday **Junior Promenade** evening, December 10. Four hundred fifty guests attended the function which marked the formal opening of the social season at the University, and which matched, in the beauty of the decorations and the general elegance of appointments, the promenades of past years. In the receiving line were President James, Dean and Mrs. Clark, Mr. and Mrs. G. A. Huff, Col. E. G. Fechet, L. B. Putnam, president of the junior

class, and Miss Mary Waddell, and P. S. McKee, chairman of the Prom committee, and Miss Anne Stophlet. Decorations were in the class colors of red and white. The musical program consisted of twenty-four dance selections, preceded by a half hour's concert.

University students residing in and around Ottawa, Illinois, were hosts at a delightful Illinois **Ottawa Men Dance** in Ottawa during **Entertain** the Christmas vacation.

The party was given on the evening of December 23, and the decorations consisted of college pennants, orange and blue being the predominating colors. Many Illinois alumni attended the dance.

ATHLETICS

THE FOOTBALL SEASON

The Varsity eleven closed a brilliantly successful football season on Saturday, November 20, by winning its first Eastern game from Syracuse University, at Syracuse, New York. Illinois was represented on the gridiron by one of the strongest football teams in her athletic history, and, what was at the end of the season, undoubtedly the most effective combination in the West. A full schedule of seven games demanded strenuous work from both the coaches and the team, but thanks to the careful drilling of "Artie" Hall and Lindgren, the hospital list at no time reached very large proportions, and the members of the eleven finished the season in the pink of condition.

Although it was a season of surprises, the work of the eleven was eminently satisfactory to the undergraduates and the alumni. In the total number of seven games played, Illinois managed to score in every contest, and her to-

tal scores for the season reached 115 points, as opposed to a total of 39 points for her opponents. Five games were won and two were lost, the great ambition of the Illini—to defeat Chicago—having been destined to go unrealized. Some dissatisfaction was shown because of the early date with Chicago, but it was the best that could be secured, and as the critics generally conceded that the Illini were far superior to the Maroons toward the latter part of the season, some of the ill flavor of the Chicago defeat disappeared.

Undoubtedly the features of the sport last fall were the games with Syracuse University and with Chicago. It was the first time that Hall had led his men into an Eastern camp, and many and varied were the surmises as to the result. The Illini played a wonderful game, according to the Eastern papers, and although handicapped by various drawbacks, they achieved a decisive victory over the great coach, Tad Jones, and the Syracuse eleven.

The new open style of play was again emphasized by the coaching staff, and it was due to this speedy, running attack, the employment of the forward pass, the onside kick, and the open field formations, that the Varsity secured many of its scores. More attention was devoted to the kicking department than ever before, and large parts of the Chicago, Indiana, and Purdue games were kicking duels between the quarterbacks of the opposing elevens. Seiler, a graduate from last year's freshman-varsity eleven, filled the quarterback position on the team, and, considering his efficient kicking and his generalship, he was perhaps the most useful man on the squad.

The results of the games were as follows:

Illinois 23 Millikin 0.

Illinois 2 Kentucky State, 6.

Illinois 8 Chicago 14.
 Illinois 24 Purdue 6.
 Illinois 6 Indiana 5.
 Illinois 35 Northwestern 0.
 Illinois 17 Syracuse 8.

The season began auspiciously with a practice game on Illinois Field, in which the Varsity defeated James Millikin University, of Decatur, by a score of 23 to 0. It was a clean hotly contested fight, but the superior condition of the Varsity and wealth of new material that was introduced into the game as substitutes for the Illini, aided in running up a large score. Considering that the players had had only two weeks of practice and that the men had not been picked for their places, the game was creditable to the Illini.

ILLINI SURPRISED

A surprise, and not a very pleasant one either, was in store for the Orange and Blue players at the Kentucky game. The southerners, unheralded and almost unknown, swooped down upon the Illini camp with a rush, and at the end of two short fifteen minute halves, they left the Field with the long end of a 6 to 2 score. Most of the spectators expected the contest to be a practice game for the Varsity, but the fierce driving attack and the rapid formation style of the Kentuckians, put a different aspect on things. The Varsity was played off its feet during the first few minutes, and when the local players got their second breath the fifteen minute halves were over.

MAROONS TRIUMPH

The annual game between Illinois and Chicago resulted in a victory for the Maroons by a score of 14 to 8. It was one of the greatest and most fiercely fought football battles that has ever

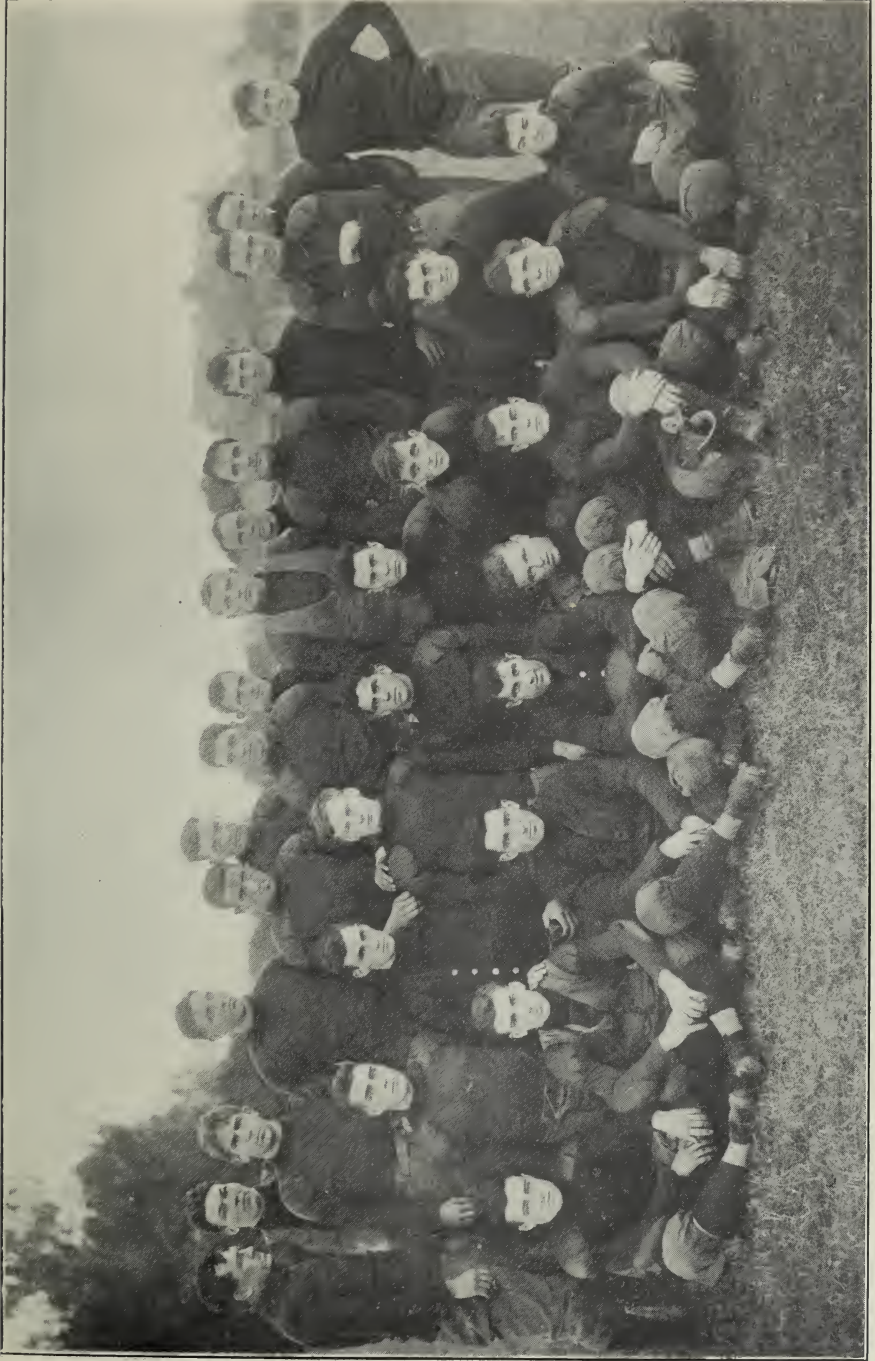
taken place on Marshall Field, and the Varsity was cheered on to its best by 2,000 undergraduates who accompanied the team from Champaign. At least 5,000 Illinois partisans occupied the bleachers on the west side of Marshall Field, which were decorated with streamers and pennants of orange and blue. At the end of the first half the score was 5 to 0 in favor of Chicago, Kelley having made the touchdown for the Maroons. In the second half Captain Page started the scoring by securing a place kick and Worthwine ended the count by scoring a touchdown, followed by a goal by Page. Illinois' first score was made by Roberts on a rush through center. Within five minutes of the end of the second half Seiler added three more points to the Varsity's score by getting off a dropkick from the Chicago forty-five yard line. The final count was 14 to 8.

PURDUE WEAK

Purdue came over from Lafayette and put up an exhibition far below her usual standard. The Varsity scored almost at will, the final count being 24 to 6. The Boilermakers made their only score during the first few minutes of play when Hanna secured a misdirected dropkick and raced sixty-five yards for a touchdown. After that the Purdue men were unable to stop the spectacular advance of Seiler, Oliver, and Butzer, and their defense grew weaker as the game progressed.

INDIANA SUCCUMBS

Perhaps the most gruelling contest seen on Illinois Field was the 6 to 5 victory over Indiana. Both teams fought every inch of the way, and it was only by the veriest good luck that the Varsity nosed out a victory. Each eleven



THE 1909-1910 VARSITY FOOTBALL TEAM

secured a touchdown, the advantage in the score going to Illinois when Gill, an Indianan missed a goal. Neither eleven was able to score in the first half, but shortly after the beginning of the second, Roberts made the first tally of the game. Indiana scored a few minutes later through Winter, and then came the costly loss of the goal kick that made Illinois the winner of the contest. For perfect technique and general brilliancy the game offered as pretty a lot of playing as has ever been seen on the Illinois gridiron.

NORTHWESTERN EASY

Enough is said about the Northwestern game at Evanston when the score of 35 to 0 in favor of the Varsity is given. In the first half the eleven secured two touchdowns and in the last, four more were added. Five out of the six goals were kicked. During the last half Hall sent in a team of substitutes, a total of twenty men taking part on the side of the Varsity. The extremely warm weather slowed up play and undoubtedly kept the score lower than would have been the case under ideal conditions.

SUCCESS AT SYRACUSE

There were twenty-seven players that journeyed to Syracuse for the game on November 20. The team, accompanied by the coaches and the rubbers, left here Thursday morning before the game, and arrived in Syracuse the next day. Returning, the squad spent a half day at Niagara Falls. The Syracuse eleven was defeated with a series of typical Illinois formations, the Easterners being completely outclassed by the Varsity with its quick open style of game.

The following items clipped from the

Syracuse press give a fair idea of the game:

"The Orange moleskin of the West prevailed over the Orange of the East in a brilliant football contest at the new game at the Stadium yesterday. The breezy Westerners dazzled their brethren of the East with an array of gridiron tricks that carried the Syracuse warriors off their feet and when the toot of the referee's whistle signaled the drop curtain on the football season of 1909 in the Stadium the Illini had totalled 17, while the board showed only 8 for the sons of Onondaga.

"The tide turned in favor of Illinois in the middle of the second half. The score was then 8 to 6 in favor of Syracuse and the leather lunged youths on the hill had strained their vocal cords yelling out encouragement in prospects of victory for the Orange of Syracuse. Illinois then unfolded a system of attack which completely baffled the entire Syracuse team and from her own twenty-yard line the Western team marched straight down the field for a touchdown. They repeated immediately on the same style of play and added another touchdown to their score and the encore number might have produced another touchdown had not the whistle brought the game to a close.

"The teams appeared pretty evenly matched in the first half and when the half closed with the score 6 to 0, in favor of Illinois, Syracuse had not given up hopes of victory, because the team had played a good game and there was little to choose between the elevens. Both lines were strong and, not only in the first half, but throughout the contest the line men put up a stubborn defense. Illinois did hold a little better when the ball was near its goal line.

"The open play of Illinois fooled Syracuse. They had one play in particular which was used to good ad-

vantage and which Syracuse found impossible to break up. The whole team was ribboned across the field and after a quick pass an end or back would skirt the Syracuse end, every time for a big gain. The Syracuse players knew the play was coming. The same peculiar formation was made for it each time, but no defense could be fathomed for it by the hill team.

"Illinois also gained on forward passes. The passing was accurate, and as the Illinois men were better trained at catching the ball they covered up nicely and seldom allowed the leather to get away from them. Some of the passes were intercepted, of course, but in the main the play was successfully executed.

"There are no excuses to offer for the defeat of Syracuse, other than that Illinois is her superior. Why superior? Perhaps because the material is better; the progressive West has better adapted itself to the new game than the effete East; better conditioned; better drilled—and if one would dare offend the sensitive Hillites to say they were better coached. (Excuse our absence because we have hied to the woods to find a nice, tall tree to climb.)

AND FROM ANOTHER PAPER

"In the snappiest, most dashing and most spirited football contest witnessed in Syracuse this season, Coach A. R. Hall's Illinois warriors trimmed Tad Jones' Hill-top eleven by a score of 17 to 8.

"The Westerners completely outclassed Syracuse in every department of the game save one. Their backfield did not handle punts with the sureness that the orange men did. They played the better open game, working the forward pass easily and cleverly, and the on-side kick to good advantage. Seiler's

quick forward passes going straight and swift to the desired spot, with Captain Benny Baum or Richards always at the spot to receive them.

"Bernstein was easily the star of the game for the Westerners. His basketball experience stood him in good stead. In executing the forward pass he was the surest, straightest and swiftest handler of the ball in either team.

"Seiler outgeneraled Waldron in running his team, getting off his plays with a speed which caught the orange napping again and again.

"Waldron outclassed him at the receiving end of punts and in running back the ball, making several spectacular runs back, dodging the dives of two and three orange and blue tacklers before he was downed.

"Though the orange was slightly outweighed, the honors were nearly even throughout the first half, the Syracuse ends and backs playing a brilliant defensive game, Captain Barry making some hard, vicious tackles.

"But in the second half Illinois substituted fresh players, who were fully equal if not better than the ones going out, and then running their plays off in sequence four plays to a series and presenting a shifting and most versatile attack, they ran away with the orange.

"The 'Illini' won because they had the superior team, better material, less individual playing and better team work.

"Beaten by a better team! The Illinois boys are born football players.

"They had gridiron instinct and football 'brains.'

"Besides having the better material, Coach Hall of Illinois has grasped the possibilities of the new game for light weights better than Tad Jones.

"In uses of the forward pass, on-side kicks and basketball style of play, the Western coaches have made more pro-

gress than the Eastern. Glenn Warner of Carlisle is the only exception.

"Brought up in this 'beefy' school, Jones is not so resourceful as Hall in making the most of a light eleven.

"Necessity is the mother of invention. It's folly for a coach to try to win with a light team by straight football.

"He must adapt himself and his team to the 'basketball' style of game so ably demonstrated by Illinois.

"Individually and collectively the Illinois players were superior to the Syracuse tacklers. They were quicker starters, more spirited players, better dodgers and quicker thinkers.

"They were masters of a bigger and better repertoire of 'open' plays.

"They had the ideal physiques and gridiron 'brains' to carry out the instructions of a resourceful coach who never saw a Yale-Harvard game.

"The Yale-Harvard style of game is for physical giants only.

"For 210-pound lines from tackle to tackle, 185-pound ends and backfields which average between 175 and 180, old straight football combined with goal kicking from the field will do, but for elevens which average 165 pounds to the man the Western style of "basketball" game as cleverly exemplified by Illinois Saturday must be resorted to.

"Syracuse has a lesson to learn from Saturday's game. The football authorities have reached the parting of the ways.

"They must either corral some 200-pound giants and teach the Yale style of football or they must develop the 165-pound players along the lines which Illinois and other Middle Western elevens are following.

"If the Syracuse of the future is to have the 190 and 200-pound players the conservative Eastern methods of developing elevens should be pursued, but if the gridiron instructors have only

light weights to work with, Illinois taught them a style of football Saturday which they should take to heart.

"Outside of two or three positions in the center of the line, Syracuse outweighed Illinois, so no excuses can be offered on that score.

"The orange tacklers were fairly and squarely beaten by a team of speedy light weights.

"The 'open' style and strategy of the Westerners was a revelation. They came into the effete East and showed conservative 'straight' football coaches something.

VETERANS TO LEAVE

Coach Hall will lose only four members of the 1909 eleven through graduation. The players who have played their last game for Illinois are Captain Baum, Hull, Richards and Anderson. Through their going the Varsity loses four of the best players on the eleven, but the coaches are optimistic inasmuch as there is good material to fill the positions thus made vacant.

THE 1910 ELEVEN

Prospects for a winning eleven for the coming football season are excellent. Illinois will undoubtedly be represented on the gridiron next fall by the most efficient team in the West, and hopes that have long been cherished for the defeat of Chicago, ought to be realized. Under the watchful eye of Coach "Prep" White, the freshman-Varsity squad developed some very capable material during the season just past, and there will be plenty of healthy competition for positions on the Varsity when practice begins in September. McCleary and Lyons are the probable successors to Richards and Baum at end, though a center to succeed Hull will have to be developed.

NEXT YEAR'S SCHEDULE

Tentative arrangements for games have been made with Iowa, Indiana, Purdue, and Millikin universities. The latter team will open the season on Illinois Field on October 1, with Purdue probably the second team on the schedule. Arrangements for the annual game with Chicago have not been concluded at the time of going to press. It is announced by the athletic authorities that there will be no game with an Eastern school next season.

BEEFSTEAK BANQUET

Messrs. C. B. Hatch and J. M. Kaufman, of Champaign, entertained at a beefsteak dinner in the banquet room of the Hotel Beardsley in honor of the football squad, on Wednesday, December 1. Twenty-two members of the squad, the coaches, and members of the University faculty attended. Speeches were made by Director Huff, Deans Goss, Greene and Clark, Professor C. A. Goodenough, Coaches Hall, Lindgren and White, Graduate Manager of Athletics Ingold, and Captain Baum of the eleven. Director Huff, speaking for the Athletic Association, presented Coach White with a gold watch, as an appreciation of his services during the football season. Mr. Huff also announced the engagement of Coaches Hall and Lindgren for the season of 1910, and Coach Hall announced that he accepted the post.

BUTZER, CAPTAIN

G. D. Butzer, a junior in the College of Engineering, was elected captain of the 1910 Varsity eleven at the annual banquet at the Hotel Beardsley on December 1. Butzer played guard on the eleven this year, and was also a member

of the 1908 squad. He is a dashing and effective player, and although only five feet, ten inches in height, he is perhaps the most powerful man on the squad. His home is in Urbana, Illinois. He was picked as All-Western guard by every critic in the West.

ILLINOIS GETS CONFERENCE

Through the successful culmination of a movement that has demanded the attention of the Illinois athletic authorities for almost a year, Illinois Field, for the first time, will next June be the scene of the annual track and field meet of the Western Intercollegiate Conference. The Conference is the greatest of all western athletic meets and brings together the flower of western collegiate athletes.

Plans to bring the meet here were begun immediately after the 1909 conference meeting, and an active campaign was inaugurated among the members of the Conference Board and the Managing Committee. For years the annual meeting has been held on Marshall Field under the auspices of the University of Chicago, because of the central location, and the supposed financial benefits. Illinois partisans claimed that Illinois Field was just as centrally located for a majority of the colleges that participated, and that the railroad facilities were of the best. To meet the question of finances the Illinois Athletic Association guaranteed receipts at least equal to those of any previous meet. Thus all difficulties were overcome, and at the meeting of the Conference representatives in Chicago in November it was voted to hold the 1910 meeting at Urbana.

The meet will formally dedicate the new running track on Illinois Field, now virtually completed. The new track cost approximately \$4,500 and was

made possible by the successful athletic season of 1908-09. It is one of the fastest courses in the country and can accommodate the largest meets with ease.

Last year Illinois won the Conference, with Leland Stanford University a close second. Three hundred athletes the cream of all the great western universities, including Minnesota, Indiana, Iowa, Northwestern, Purdue, Wisconsin, and Chicago, battled for track supremacy. Plans for the holding of the meet are already being prepared, and Graduate Manager Ingold expects to make it a record breaker in attendance and in the number of entries. It is to be held on Saturday, June 4, so that Commencement visitors who return a few days earlier than usual, will have the privilege of witnessing it. Reserved seats for 7,000 people have been prepared, and fraternities and clubs are already arranging for the usual Commencement reunions and house parties to be held during the same week.

BASKETBALL

Captain Carl Watson of the 1910 Varsity basketball five and Coach H. V. Juul issued the annual call for basketball men immediately after the Thanksgiving vacation. Thirty-five men signed up for the practicing squad, and two or three teams played every evening until the holiday vacation. During the holidays about a dozen candidates who live in and near Chicago, practiced in the gymnasium of the Illinois Athletic club. Popperfuss, Bernstein and Posten of last year's team have reported for work, and with these men as a nucleus, a good team is looked for. Palmquist, Lord, and Bunn, substitutes last year, are also back and are trying out for positions.

The Varsity has the following games scheduled:

January 14—Minnesota at Minneapolis.

January 15—Wisconsin at Madison.

January 21—Wisconsin at Urbana.

January 29—Purdue at Urbana.

February 5—Indiana at Urbana.

February 26—Chicago at Chicago.

March 4—Purdue at LaFayette.

March 5—Indiana at Bloomington.

March 9—Minnesota at Urbana.

POOR SWIMMING OUTLOOK

Captain "Andy" Anderson and Coach Norris will have their hands full to turn out a swimming and water polo team that will equal last year's squad. Cutter, Quayle and Henry are back, though it is uncertain if they can play, but the two Flanders, Bell, and McMullan are not in college this year. New men of promise, who distinguished themselves in the freshman events last year, are Hansel and Green.

TENNIS

The Tennis Association is no more, and all tennis affairs are now regulated by the Athletic Association. The change makes tennis a success, and ought to make the Varsity tennis team a winner. In the annual tennis tournament in November, Musselman, a senior in the College of Literature and Arts, successfully defended the tennis championship title which he won last year, against Lud Washburn.

CLASS FOOTBALL

In the annual interclass football tournament the sophomores defeated the "preps," and the juniors defeated the freshmen, and in the championship game the second year men vanquished the seniors. Two games were required to determine the champions, the first game resulting in a tie score of 0 to 0.

ATHLETIC ASSOCIATION

The Athletic Association this year has the largest membership in its history. Just before Christmas the enrollment had reached a total of 1700 men, and faculty members were still joining. Both the undergraduate body and the faculty have supported the organization loyally, and as a result it is now the largest of student organizations in the University. The Association owes nothing and has a comfortable cash balance in the treasury. No notes are outstanding against it, and the Illinois Field improvements, including the painting of the bleachers, the new six-foot fence, and the tool house, are fully paid

for. In short the Association is on a solid financial basis.

BASEBALL CALL OUT

The annual call for baseball candidates was issued this year at Thanksgiving, two months earlier than usual. Only the freshmen were called out, the early call being made necessary because of the inconvenience with which the coaches handled the large squads of the last few years. One hundred and sixty men had signed up on December 1, and on December 22 the weeding out process had left about 30 of the best players in the practice squad. The call for Varsity men was issued after the Christmas holidays.

THE ALUMNI

COLLEGE LOYALTY

Webster in his famous speech on the Dartmouth College Case, says of his Alma Mater. "It is a small college, but there are those who have learned to love it." The same sentiment might truthfully be uttered by most graduates of the University of Illinois, but not all have the feeling strongly. Students of state universities are in some respects unfortunate in that, getting their education practically free of charge, they too often feel little sentiment and less obligation toward the institution which has nurtured them. They usually value most what they pay highly for. They gather up whatever of learning they can, including scholarships, Phi Beta Kappa pins, and general college emoluments, and then hie themselves into the world or to some high-tuitioned institution, acquire disdain for the college which fostered them and to which they owe the most of what they are and blame it for not having given them more for nothing. Sometimes they are rather chary of speaking of their humble educational origin, as an educated cad is ashamed of his unlettered parents.

They "have a certain regard" for their Alma Mater, of course, but they speak of it without feeling or sentiment as "the school" or even sometimes as "your school." A recent letter to the business manager of the *Quarterly* states the case tersely if not grammatically:

"It does very little good for me, or my wife, to belong to the Alumni Association. Neither of us have been able to attend any Alumni meetings since we left the school, and so far as I can see we shall not for the next twenty

years. I have a certain regard for the University of Illinois. But I also am an alumnus of Harvard University and my allegiance is divided. I come into contact with Harvard and Harvard men a great deal more than I do with those of the University of Illinois. I would therefore rather take the Harvard publications. There are but few of the men I knew in U. of I. now, and the large number of unknown younger Alumni have little interest for me. Even if I do not belong to the Alumni Association I shall in spite of all have to remain an alumnus."

It seems a pity under the circumstances that he is forced to remain an alumnus. What is the use of college spirit any way?

WHAT BECOMES OF OUR GRADUATES

The December number of the *American Educational Review* contains a short article, which takes up from a statistical standpoint the success or failure of the graduates of the last ten years. The material for the article was gathered by different men in charge of the various departments of the University, and arranged by Dr. Burt E. Powell, private secretary to President James. A summary of the facts as published in the *Review* follows:

The University of Illinois has prepared statistics on what her graduates are doing, and the figures once and for all set aside the recent statement of Mr. R. T. Crane of Chicago, that the universities "instead of teaching young men to seek labor, cause them to despise it." In the past ten years the College of Agriculture has conferred the degree of bachelor of science upon 184 men. Of this number 115 are directly

engaged in farming, 40 in agricultural college and experimental work, 7 in the department of agriculture at Washington, 1 is with an agricultural newspaper, 16 are teaching, 3 are in the real estate business, and 2 in religious work. The College of Law since its organization in 1897, has graduated 247 persons, and of these 198 or 80 per cent, are directly engaged in the practice of their profession. Forty-three, or 17 per cent, are in other lines of business, several of whom occupy responsible positions in private corporations. The addresses of the remaining 3 per cent are unknown. The number of graduates of the twelve classes of the College of Engineering, between 1897 and 1908 inclusive, is 955. They are scattered over the whole world, but information has been obtained from 63 per cent of the whole number. Of those giving information only 3.8 per cent were at the time out of employment. About 90 per cent of those who reported are engaged in engineering work, at an average salary of \$1,708 per year. There are 1,498 graduates of the College of Pharmacy. Addresses of 1,248 are known; of these, 75 per cent are engaged in the practice of pharmacy. The graduates of the University thus brought under consideration total 2,976. Of these 84 per cent are doing the work for which they received training in the University of Illinois.

NEW YORK ASSOCIATION

Only one meeting of the University of Illinois Alumni Association of New York has been held since the last issue of the *Quarterly*. On November 19, some fifteen members met at the Graduates' club, 11 East 46th street, informally, of course, to smoke, eat and make merry. The spirit of the occasion was bohemian. A special effort was made to acquaint each member with every

other member present. The guest of the evening was Frank W. Scott, '01, editor of the *Quarterly*, who told us of the many interesting things happening at the University, the progress in buildings, new courses, changes in Faculty, etc. As Mr. Scott is studying at Columbia University this year we hope to have him with us many times. Among those present were: Torris Eide,, Charles E. Ramser, Charles P. Turner, Turney E. Buck, O. E. Goldschmidt, J. A. Kincaid, N. R. Porterfield, W. A. Boyd, S. H. Grauten, E. J. Mehren, W. E. Brown, C. G. Armstrong, C. T. Green, and W. H. Rothgeb. A general assessment of fifty cents was levied recently on all members of our association to defray the small expenses of postage, telegrams, etc. This assessment met with general approval. There are no dues.

ANNUAL BANQUET OF UNIVERSITY OF ILLINOIS CLUB OF ROCKFORD

On Thursday evening, December 30, 1909, the University of Illinois club held its annual banquet at the Thadwa Cafe in Rockford. Plates were laid for thirty-seven persons. The Illinois spirit prevailed and the old men showed their appreciation by joining in both yells and songs.

After a fine menu the president of the organization, Byron A. Slade, presided at a short business meeting. Thomas E. Gill was elected as the representative of the club to meet with a committee composed of Wisconsin and Dartmouth men to take steps toward the formation of an All University Club of Rockford.

The following were chosen as officers for the coming year:

President, R. H. Brown, '06, law '08; Secretary and Treasurer, Everett Derwent, '06.

The following is a list of toasts and toasters:

Toast Master, W. W. Bennett
 Catching the Illinois Spirit, George W. Schoeffel.
 The University of Illinois Club of Rockford, Thomas E. Gill.
 The Responsibility of the College Man, J. C. Fillmore.
 Reminiscence, Philosophy, and General Observation, I. M. Western.
 The University of Illinois as Seen from the Campus, Professor J. M. White.
 Illinois Loyalty

Mr. Western, however, was unable to be present, and George P. Gallaher, '05, took his place upon the program. Professor James M. White was the guest of honor. Professor White's campus talk made a hit with the organization and the club considers the Professor a man of big ideas. The club expects to have a representative from the University at each annual banquet.

The address of the new president is 317 West State street, Rockford, Illinois, and that of the secretary is 421 Hinkley street, Rockford, Illinois.

Alumni and Illinois men were present from Freeport and surrounding small towns.

▲ PITTSBURG ASSOCIATION

The Pittsburg Association has not met during the past year. Mr. and Mrs. Arthur A. Brown have gone to New York City, and Mr. and Mrs. J. G. Worker now reside at Attica, New York. Mr. and Mrs. Alvin Huckins, who were also interested in the workings of the Association, have moved to Champaign, Illinois. Mr. M. F. Stein, '09, has been added to the Association. Mr. E. K. Hiles, '95, is now acting secretary and treasurer in place of J. G. Worker. The club expects to have a meeting shortly

UNIVERSITY OF ILLINOIS CLUB OF COLORADO

Plans are now under way for the annual banquet of the University of Illinois Club of Colorado, which will be held in Denver in February. The president, Mr. H. J. Burt, '95, has appointed a committee to look after the affair, but no definite arrangements have yet been made.

New members have been added to the club as follows: Lloyd Aldrich, ex-'07; Mrs. H. M. Armstrong; J. L. Bennett, H. G. Hottes, '96; F. A. Hughes, '97; F. S. Scott, '07; M. K. Jordan, '09; O. S. Moles, '88; and C. A. Schroeder, '04.

MUSICAL COMEDY

The *Chicago Tribune* contained recently an account of a musical comedy, entitled "A Modern Miracle" which was given by the Chicago Architectural clubs on the evenings of December 10 and 11 in the Busch Temple Theater. The music of this comedy was written by E. O. Oldefest, '06, Oldefest himself taking a leading part in the play. The musical comedy was preceded by a minstrel show, and among those taking part were C. C. Rich, '06, and Fritz Wagner, jr., '08.

IN THE ORIENT

The University has been receiving public notice in the Orient through a number of excellent articles on various phases of the institution's work. Of three articles that have appeared in the *Monthly Review*, a magazine published in Calcutta, India, one on "A University Course in Journalism" is written by Sudhindra Bose, a graduate of the University department in journalism in 1908. Miss Grace Kelley has written entertainingly of "The American Girl in College Life," and Mrs. J. C. Bose, who

came last year, from India, to visit the University, writes of "Modern Education of the Hindoo Women."

PASS BAR EXAMINATION

At the recent State bar examination held at Mt. Vernon during the fall, the following graduates and students of the University College of Law were successful in satisfying all the requirements:

S. N. Finn, '09, of Salem; J. M. Johnson, '09, of Milan; G. D. Long, '09, of Fulton; E. M. Rose, '09, of Olney, and C. H. Walker, '10, of St. Joseph.

TRI-CITY ASSOCIATION

According to the former president, the Tri-City Association has been a dead proposition for sometime. Some efforts have been made to resuscitate the corpse, but these efforts have proved ineffectual. There are a great many University of Illinois men in the three cities, and unquestionably a strong association could be built up if a few members could be found who had the time and spirit to devote to the proposition.

CONARD IN URUGUAY

University friends of P. A. Conard, o'r, have received the annual report of the Montevideo Y. M. C. A., of which Mr. Conard is general secretary. After graduation Mr. Conard remained in Champaign four years as general secretary of the University Y. M. C. A. He is now one of ninety men who are supported in foreign fields by the International Committee of the Y. M. C. A.

LIBRARY SCHOOL ASSOCIATION

In April, 1909, Miss Edna Lyman formerly Children's librarian at Oak Park, Illinois, delivered 23 lectures be-

fore the Library School, chiefly for the senior class, though a few were for the entire school. This subject of children's work has been added to the curriculum as a permanent study, and the present senior class is looking forward to Miss Lyman's visit in the spring.

By means of special fund the School was able to ask several librarians of prominence to visit it and lecture to the students. The following well known workers were among those who came: Carl B. Roden, Mrs. H. L. Elmendorf, Mrs. S. C. Fairchild, Purd B. Wright, Miss Nellie Parham, and Mrs. M. J. Sibley. The University has continued this fund for the current year, so that the students will be favored with other special lecturers.

Miss Miriam E. Carey, 1900, was the representative of the Alumni association to deliver the annual alumni lecture to the School. Her subject was "Institutional Libraries," a work in which she has been the pioneer, developing what is known as the "Iowa Idea".

A most important change in the location of the School was made during the summer of 1909. It is perhaps the most significant move since the transfer of the School to Urbana. The old study room was needed by the Library for book stacks, and the Library School was therefore crowded out. The University administration realized the close association of the School with the library and felt that its new quarters should be in the building. To effect this, radical changes were necessary, but have been successfully completed. All the officers of the University administration have been transferred to the Natural History building, leaving the entire third floor unoccupied. By tearing out the partitions on the southwest end, a large and cheery study room has been provided for the Library School out of the old registrar's and business manager's public and private

office. The President's outer office is now used for the office of the Library School, and the President's two private rooms are the larger and smaller lecture rooms. A special cloak room for the students is also provided, thus making satisfactory provision for the school for a good many years. This assignment of space to the Library School fixes it still more firmly at the University of Illinois, and assures its hearty support by the authorities. The remainder of the third floor is used for three seminar rooms and two offices for the library staff.

As was expected from the announcement of President James last February, Phineas L. Windsor assumed his duties as Director of the Library School and Librarian of the University, with the opening of the new academic year. He will have charge of the senior seminar course in the school.

The teaching force remains the same with the addition of Director Windsor. Assistant Director Wilson will teach the course in Public Documents, and with Miss Price will give the course in Advanced Library Economy to the seniors. He will also teach the junior course in Library Extension.

Miss Simpson will continue her course in Advanced and Elementary reference, and History of Libraries, and will supervise the work in Subject Bibliography. The lecture in this last subject will be given as formerly by professors from the various departments in the University. Miss Simpson will also supervise the course in General reference, known as Library 12, given to University students, teaching one of the five sections. She will be assisted by Miss Hutchins and Miss Johnson of the Reference department, and by Miss Swezey. This course numbers nearly two hundred students for this first semester.

Miss Price will divide with Mr.

Wilson the course in Advanced Library Economy, will teach Advanced and Elementary Book selection, and will continue her work in Elementary Library Economy, giving the courses in classification, cataloging, trade bibliography, book numbers and binding.

Miss Curtis will teach the juniors Order work, Accessions, Shelf list, Continuations and Serials, in addition to planning and giving oversight to Advanced and Elementary Laboratory practice.

Mr. Drury will give 14 lectures to the seniors in Advanced Trade Bibliography, and various other members of the staff of the University library will assist from time to time in lecturing along their special lines of work.

The registration for 1909-10 includes 25 juniors and 7 seniors. 18 juniors hold Bachelor degrees, and 5 or 6 of the remainder will receive the Bachelor of Arts in June, 1910, from the University of Illinois. Thus the School has almost attained to a Graduate School basis. Students represent states from California to New York.

The following items show that our graduates still find positions without difficulty, and that they are sought after for the public library work as well as for college libraries. Positions taken during the past year by former students are:

College and Reference libraries.....	42
Normal and High School libraries...	5
Public libraries and organizing.....	21
Miscellaneous, including positions in Commission, teaching in Library Training schools, indexers, etc....	10
Total	78

THE PORTLAND ASSOCIATION

The Illinois Alumni Association of Portland, Oregon, held a smoker on

Thursday evening, December 23, at which the following men were present: J. F. Kable, '99; Dr. G. H. Wardner, '03; D. G. Young, '07; T. E. Young, '09; C. W. Garland, '07; G. L. Weinrich, ex-'09; Albertson, '09; Captain Matthew A. Reason, U. S. A., '96; Reeves, '07; G. R. Mueller, '07; and John Guy Wilson, '04. Everybody had a good time, and it was decided that beginning with Monday, January 10, the members will take noon lunch once a week at the Hazelwood restaurant.

THE UNIVERSITY OF ILLINOIS CLUB OF ST. LOUIS

The University of Illinois Club of St. Louis has had no meetings since the last *Quarterly*, but they are now planning to hold their annual meeting in February. Twelve new members have been added to the list during the year and the club is active and in a prosperous condition. The new officers who were elected to serve this year are as follows:

President—Will A. Reiss, '72.

Vice President—L. C. F. Metzger, '05.

Secretary-Treasurer — Dr. Carroll Smith, '01

Executive Committee—Hebar Robarts and O. Weiner

Visitors are welcome at all the meetings.

SOUTHWESTERN ALUMNI ASSOCIATION

The annual meeting of the Southwestern Alumni Association will probably be held sometime in February or March. Until this time the secretary of the association has very little to report.

COMMUNICATION

Rockford, Illinois, January, 3, 1910.

Editor Alumni *QUARTERLY*.

Urbana, Illinois.

Dear Sir:—

I want to use a few lines in your

magazine to make a suggestion to organized alumni and former students. It is this. For the past several years the sons of Illinois have been meeting weekly on Thursday noon at the Boston Oyster House in Chicago and out of such meeting has grown one of the strongest Alumni associations that Illinois can show. Following this good example the Illinois men in Rockford have this year started the same custom. Every Thursday noon we get together and have a good dinner and renew old friendships. At Salt Lake City, Utah, the same thing is being done. There is no reason why this cannot be made a distinctive Illinois custom throughout the whole country, wherever Illinois men are found. I wish only to make the suggestion, trusting that you will take up the battle and through the columns of *The Quarterly*, press upon the Alumni the benefits to be obtained from such meetings.

Respectfully,

Thos. E. Gill, '07.

OBITUARIES

PROFESSOR ZARTMAN DIES

Lester W. Zartman, '03, assistant professor of economics and insurance in Yale University, died of typhoid fever at his home in New Haven, Connecticut, on Tuesday, October 19, 1909. The funeral was held on the following Friday, at Tolono, and interment was in Mount Hope cemetery, Champaign.

Professor Zartman was regarded as an authority on the subject of insurance, his rapid progress from a graduate student in 1903, to an assistant professorship five years later, being evidence of his remarkable knowledge of his subject. He came to the University of Illinois from Grand Prairie Seminary at Onarga, Illinois, in 1899, and was graduated with the class of 1903.

In his course in the University he specialized in political science, and was considered one of the best students that department ever had.

After being graduated he went to Yale University where he took post-graduate work. For the past three years he had conducted classes in insurance in the eastern university, and recently he had been appointed assistant professor of economics and insurance. Last summer he conducted the entrance examinations for Yale University at Chicago.

During his undergraduate days at the University, Professor Zartman took a prominent part in the work of the literary societies. He was a member of Philomathean, and represented his society in one of the annual joint debates with the Adelpheic society.

The deceased is survived by his wife, formerly Miss Laura Black, who was graduated from the University with the class of 1901, and by one child.

FRANCES E. CLARK

The death of Miss Frances E. Clark, '09, occurred at Elgin, Illinois, on Sunday, October 30. Miss Clark had been ill with typhoid fever, but the news of her death came as a shock to her friends at the University, who believed she was convalescing.

Miss Clark was graduated from the College of Literature and Arts last spring. In her senior year she was president of the Young Women's Christian Association, and one of the most influential women in the University. She was president of the Illioli Literary Society, and a member of the English and German clubs. After graduation she was identified with the city association at Rockford, Illinois, and in September she became assistant secretary of the Elgin association.

Miss Clark is survived by her parents, two brothers, and a sister, Miss Helen Clark, a freshman in the University. Funeral services were held at Libertyville, Illinois, her former home.

HERBERT WILSON DENNIS, '13

Herbert Wilson Dennis, '13, son of Charles H. Dennis, '81, died at Burnham Hospital, Champaign, on December 26. Death was caused by rheumatism which attacked the young man's heart. He was a member of the freshman-varsity basketball squad and belonged to Phi Kappa Psi fraternity. The elder Dennis is associate editor of the Chicago Daily News.

STREID, '08.

Joseph B. Streid, ex-'08, died at his home in Metamora, Illinois, on August 31. He had completed at the University the three year preliminary medical course, and was about to start in on the last year of his course at the College of Physicians and Surgeons. He was a young man well known in the college community,—a hard worker, and gave promise of a bright future.

NEWS OF THE CLASSES

When you have a new address, position, wife, or child, notify the editor. Announcements sent to friends or acquaintances may reach the QUARTERLY, but probably will not. Mail your information direct, unless your class has a secretary; in any case please make sure that the QUARTERLY is kept in touch with you.

1872

C. W. Rolfe, 601 East John street, Champaign, Illinois, Secretary

1873

Fred L. Hatch, Spring Grove, Illinois, Secretary
Louis Edward Williams is still living at Keokuk, Iowa.

1874

Mrs. Alice Cheever Bryan, Champaign, Illinois, Secretary

Dr. J. P. Campbell of Winchester, Illi-

nois has added a drug store to his professional labors. His wife and child died some years ago. He still lives in the home, a part of which he rents to a family whose companionship and care he values much.

Leroy Jeffers, eldest son of Charles P. Jeffers, who is head of the order department of New York City Public Library, has prepared an extensive reference list of titles suggested for special library binding.

Vinton Reynolds, eldest son of Mr. and Mrs. H. S. Reynolds, has been elected for the third time to the legislature of Rhode Island. He is not afraid of hard work and with his enthusiasm and good oratorical ability he is regarded as a rising young politician.

1875

George R. Shawhan, 606 Daniel street, Champaign, Illinois, Secretary.

Dr. John Muller, *la*, attended the dedication of the Physics Building at the University, November 26. His address is now 1711 West End avenue, Chicago Heights, Illinois.

Dr. M. A. Scovell, *chem*, who was elected class secretary at the Alumni Reunion, is unable to act on account of illness and George R. Shawhan has been appointed to act as his substitute.

1876

Fred I. Mann, Gilman, Illinois, Secretary

The address of Walter E. Knibloe, *nh*, is changed from Jacksonville, Florida, to Tallahassee, Florida.

H. W. Mahan after selling his banking interests in Chicago, spent a few months in California, taking a much needed rest. He has again entered the banking business in Chicago, and is now President of the South Side State Bank, located at Cottage Grove and 43d streets.

It is reported that Will Mackay is one of the richest men of the Northwest. He is interested in a bank at Madison, South Dakota, and has large

holdings in ranches and stock. He has devoted considerable time to traveling, having visited Palestine and Egypt, and made other trips to the Philippines and Japan.

Ralph Allen is devoted to the art and science of farming, and is setting a pace for good farmers. His wheat the past season yielded forty bushel to the acre. After his residence on the farm burned, he moved into Delavan, but city life was too strenuous for him, and he has again returned to the farm. He is a recognized authority in questions of soil fertility, and is Chairman of the Advisory Committee on Soil Investigations, a committee that acts with the Experiment Station in soil investigations.

L. R. Noble is one of the valued men connected with the Phoenix Assurance Company. His headquarters and residence are at Mattoon, Illinois, and his duties lie in the adjustment of losses over a large territory. Louie is one of the influential citizens of Mattoon.

Henry Mackay is practicing law at Mt. Carroll, Illinois. He has a large clientele, and is recognized in that part of the State as being a safe and careful lawyer.

J. R. Mann is now Chairman of the Committee on Inter State and Foreign Commerce of the House of Representatives, and seems to be close to the President in matters that are to come before that Committee. He is mentioned by the papers as a probable successor of the present Speaker of the House.

Dan Mackay has Agromania and doesn't want to get over it. He is interested in feeding large numbers of sheep and cattle for the market, and he knows how to do it, to make some money. He continues to "saw wood" but his operations are extensive.

William B. Chandler is still living on

Bella Vista Ranch, which is a \$40,000 ranch owned by him, adjoining the city of Tacoma, Washington. He has longings for the home of his boyhood and may sell the ranch and return to Illinois for a time.

Charles E. Gregory is now at Billings, Montana.

Frank A. E. Starr was last reported at Schurz, Nevada.

1877

John J. Cushing, ex-'77, is the editor and proprietor of a new financial publication, "The Corporation Searchlight", with offices at 1801 Tribune Building, New York City.

1878

Mrs. Nancy Davis Scovell, Lexington, Kentucky
Secretary

Emma E. Page, *la*, was awarded two prizes by the National W. C. T. U. in October, 1909, for excellency of work done in the department of Medal Contests and the department of Mercy. She was also awarded the Caroline Earl White gold medal by the National American Humane Association. Her text book on Humane Education for use in the public schools has just been revised and republished in two volumes, entitled, "Ethical Culture Readers."

The address of Jean Mahan (Plank), *la*, is changed to 58 Pinckney street, Boston, Massachusetts.

1879

Judge W. N. Butler, Cairo, Illinois, Secretary

Mr. H. M. Beardsley has recently been one of the leading opponents of the adoption of the franchises asked by the Kansas City Street Railway Company. He was one of two speakers against the franchise before the Commercial Club of Kansas City in a joint debate on the subject. He also spoke almost every day against the franchise during the four weeks of the campaign. Mr. Alfred Gregory, '78, was also prominent in the campaign, doing a great deal of the work of directing the speakers' campaign.

1880

C. J. Bills, Lincoln, Nebraska, Secretary

1881

Mrs. Virginia Hammet Talbot, Urbana, Illinois
Secretary

The street address of Charles H. Dennis, *la*, is changed from 1664 Irving Park Boulevard, to 666 Graceland avenue, Chicago, Illinois.

John H. Morse may now be addressed at 814 East 42nd street, Chicago, Illinois.

The address of Darley Thomas, *la*, is now 1417 Hyde Park Boulevard, Chicago, Illinois.

1882

N. S. Spencer, 112 East Green street, Champaign
Illinois, Secretary

1883

Judson F. Going, 221 Fremont street, Chicago
Secretary

The address of William A. Heath, *la*, is changed from 1808 Chicago avenue, to 1304 Judson avenue, Evanston, Illinois.

1884

Miss Keturah Sim, 605 west Green street, Urbana, Illinois, Secretary.

The street address of William L. Abbott, *me*, is changed from 3213 Beacon street, to 4616 Beacon street, Chicago.

Homer A. Stillwell, ex-'84, vice president of Butler Brothers, Chicago, has recently been nominated for president of the Chicago Association of Commerce.

The address of Charles G. Armstrong, ex-'84, is 216 West 102d street, New York City.

1885

Mrs. Jessie Plank Thompson, Winamac, Indiana
Secretary.

The address of James M. Kent, *me*, is changed from 2726 Holmes street, to 2446 Harrison street, St. Louis, Missouri.

T. E. Cole is a practicing physician at La Mar, Iowa.

1886

S. Foster Bullard, Tacoma, Washington, Secretary

1887

Mrs. Angie Gayman Weston, 601 East Daniel street, Champaign, Illinois, Secretary

Edward I. Cantine, *ce*, and family are living in East Orange, New Jersey. Mr. Cantine is still Division engineer of the M. & E. Division of the D. L. W. Railroad.

1888

Miss Mary C. McLellan, 706 West Park street, Champaign, Illinois, Secretary

C. P. VanGundy, *chem*, attended the last Alumni dinner in New York City early in the year and is still with the Baltimore and Ohio Railroad Company.

Frank L. Davis, *arch*, is located in New York City part of the time and also has a branch office in Philadelphia. His New York address is 1713 Flatiron Building.

J. V. Schaefer, *me*, and family are living in the south and enjoying the climate after the severe winters of Chicago. He is in business in Birmingham, Alabama, being president of the Schaefer Manufacturing Company and is still vice president of the Roberts and Schaefer Construction Company of Chicago. He owns an orange farm in Florida, where his family spend part of their time.

J. H. Samuels, *me*, is president of the Fort Madison Plow Company of Fort Madison, Iowa. He writes that he is very busy getting out his spring goods but would like very much to attend Commencement next spring if possible.

Lincoln Bush, *ce*, and his wife send best wishes and kind remembrances to the old friends and classmates. They have two boys, the eldest of whom is seventeen and now in third year high school at East Orange, New Jersey. The youngest boy is eight years old and is doing nicely in school work. Mr. Bush has had a very prosperous year as Consulting Engineer for two companies. His address is No. 1 Madison avenue, New York.

Mrs. Effie Mathers (Enlows), *nh*, visited friends and classmates here a few weeks ago. She spent a day here on her way home from Piqua, Ohio, where she visited relatives.

Mrs. Nellie McLean (Lumley), *la*, spent Thanksgiving with her father and mother at Urbana, Illinois.

The present address of George W. Myers, *la*, is 16 Rue Tronchet, Paris, France.

1889

Miss Amy Coffeen, Champaign, Illinois, Secretary

David R. Kinkead, *me*, is the engineer for the Prairie Oil and Gas Company, having charge of the pipe lines throughout the western oil fields. He resides in Independence, Kansas. He has recently become interested in landscape gardening, having received the \$100 prize offered by that city last summer for the most attractive and best kept lawn.

1890

Thomas Arkle Clark, Urbana, Illinois, Secretary

C. A. Bowsher, *ce*, is now editor of the "University of the World," a magazine published in Cleveland, Ohio.

Hugh Hazelton is electrical engineer for the Hudson and Manhattan (Tunnel) Railroad Company, and is located in New York. He may now be addressed 42 Sherwood Place, Englewood, New Jersey.

Fred W. Waterman, *me*, with his wife and three sons, spent Christmas with Mrs. Waterman's parents at Johnstown, Pennsylvania. Mr. Waterman is still with the National Tube Company, Lorraine, Ohio.

C. H. Snyder, *ce*, who is located at San Francisco, California, recently did business in New York, where he spent some time with C. H. Crabbs, *ce*. He would be glad to have any of his classmates who are visiting California call in and see him. He is representing the McClintock Marshall Company in Pacific Coast territory as sales manager.

R. J. Cooke, *ce*, may be addressed at 7209 Harvard avenue, Chicago, Illinois. He is at present with the Griffin Car Wheel Company.

According to a recent number of the *Street Railway Journal*, C. H. Crabbs, *ce*, is now engineer of ways and structure of the Brooklyn Rapid Transit Company.

John W. Beardsley, *la*, with his wife and two children, spent Christmas with his father and mother in Champaign, and visited the University.

Frank D. Wilbur, *la*, has sold out his interest in the firm of Wilbur, Farrar & Quinlin, commission merchants, and will interest himself in the development of some land in the Judith Basin, Montana. He expects to do some real estate business in that locality.

James Barr, *me*, whose address is 7434 Princeton avenue, Chicago, attended the dedication of the Physics Building at Thanksgiving time.

Byron L. Moore, *chem*, is still with the Federal Telephone and Telegraph Company, Buffalo, New York. He says that he very often runs across Frank J. Tresise, *ce*, in his wanderings around Buffalo.

1891

C. A. Shamel, Editor *Orange Judd Farmer*, Chicago, Illinois, Secretary

F. O. Smolt, *chem*, now residing in Velardena, Dgo., Mexico, made a hurried trip to New York to attend the Hudson-Fulton celebration. His wife accompanied him. Although none of his U. of I. friends saw him, they are all interested in knowing that he is still with the American-Mexico Mining & Developing Company, and does not, at present, contemplate a change.

Helen Butterfield Schoonhoven, *la*, had a series of Nature Stories for children published in the New York Tribune this summer.

E. B. Clarke, *arch*, still lives in Chicago. His family consists of a wife

and a daughter now about three years old. He is associated in business with Lawrence Buck, who has a wide reputation as an Architectural Water Color artist. The combined talents of these two men have made their business grow and prosper.

Fred W. Richart, *me*, is the happy father of two children—a boy of six years and a girl of two. He is now working toward a combination of lighting plants which bids fair for success. While the matter is well under way, it will not reach completion until next year.

C. G. Gibson, *ce*, has been practicing medicine in Sioux City, Iowa, for nine years. There are a number of University of Illinois people of different classes in Sioux City who are thinking of forming a club.

Charles D. Vail, *ce*, continues along the "even tenor of his way" in the engineering profession. He resides at 29 Ogden street, Denver, Colorado, and will feel very badly if any of his classmates pass through that city without calling upon him.

The address of Willard A. Boyd, *la*, is changed from 95 Liberty street, New York City, to 38 East 22d street, New York City.

J. H. Fredrickson, *ce*, is connected with the Stewart-Kerbaugh-Thamley Company, in Rochester, New York.

1892

Mrs. Cassandra Boggs Miller, Urbana, Illinois, Secretary.

1893

J. G. Mozier, Urbana, Illinois, Secretary

The address of J. A. Kinkead, *chem*, is 8627 Bay 24th street, Bensenhurst, Brooklyn, New York.

Arthur G. Higgins, *arch*, is vice president and general manager of the Trusswall Manufacturing Company at 2313-2317 Flora avenue, Kansas City, Missouri.

1894

The address of H. H. Braucher, *ag*, is 905 Neosho street, Emporia, Kansas.

The address of Fred W. Kerchner, *chem*, is changed from Millstadt, Illinois, to Glen Carbon, Illinois.

Frederick Samuel Holbrook, *chem*, and Adelyn Parshall were married October 16, 1909, at Chicago. They are now living at 6441 Greenwood avenue, Chicago, Illinois.

George A. Farrar, ex-'94, is now the senior member of the firm of Farrar & Quinlan, wholesale commission merchants, Champaign, Illinois.

Dr. Albert Johannsen, who has been assistant geologist in the United States Geological Survey with offices in Washington, D. C., has recently been chosen Associate Professor of Petrology at the University of Chicago. He fills the position left vacant by Professor Idings, who has resigned.

After being graduated from the University with the degree of bachelor of science, Dr. Johannsen continued his studies at Johns Hopkins where he received his doctor's degree in 1903. He is a member of Phi Beta Kappa and of the American Association for the Advancement of Science.

1895

The street address of Elmer K. Hiles, *me*, is changed from 377 Stratford street, Pittsburg, Pennsylvania, to 5537 Hampton street, Pittsburg, Pennsylvania.

Emery Stanford Hall, *arch*, and Frank S. Baker have dissolved partnership in the practice of architecture under the firm name of Hall & Baker. Mr. Hall will succeed to the practice of the firm at their former offices, 919-153 La Salle street, Chicago.

George J. Ray, *me*, has been chief engineer of the D. L. W. Railroad since January 1, 1909.

Peter Junkersfeld, *ce*, is a candidate

for the president of the Western Society of Engineers.

1896

Mrs. Amelia Alpiner Stern, Champaign, Illinois,
Secretary

The address of John A. McRae, *me*, is 101 West Hancock avenue, Detroit, Michigan.

A. M. Simons, *ee*, is now principal of the high school at Danuba, California.

John E. Pfeffer, *me*, is president and manager of the Continental Engine Company of Chicago.

Herbert J. Green, *arch*, is instructor in manual training in the Lane High School of Chicago.

Captain Matthew A. Reasoner, U. S. A., is at Vancouver Barracks, Vancouver, Washington.

J. G. Beach and Miss Alice Benson of Portland, Oregon, Oregon, were married in that city October 25, 1909. Mr. Beach has for a number of years been the northwestern representative of Miliken brothers of New York City, but beginning January 1, 1910, he became a partner in the firm of Doyle Patterson, a leading architectural firm of Portland. His address is 423 Worcester Building, Portland.

1897

R. W. Braucher, *ag*, has charge of the Michigan Field Laboratory for the study of fruit insects under Professor A. L. Quaintance in charge of Deciduous-Fruit-Insect Investigations. His address is changed for the winter from Douglas, Michigan, to Bureau of Entomology, Washington, D. C.

1898

Rufus Walker, 415 16th street, Moline, Illinois,
Secretary

I have given my job to Coffeen, as he is a better news collector than I am. If all of you would only have acknowledged my letter, it would have made this position very much easier to me, and I am sure many times more interesting to the Class.

Here's to you, and may the next poor sinner who is unfortunate enough to try to gather news for '98, (and it will not be I) be more successful in learning something about even you that would be interesting news. I don't blame you for not answering, for if chances are as they have been in the past, I would pay no attention to the letter, so I have no kick coming, have I?

I want to thank you, Coffeen especially, for giving me so many items, and also to thank all of the twenty out of the seventy-six or so, who have replied. All of us surely look forward to the *Quarterly*, especially to the 1898 news items, and if all of us would be as anxious in doing our part in making this *Quarterly* a success, as we are anxious to know what the other fellow is doing, the following issue of the *Quarterly*, and every issue for that matter, would be a success.

Here's to 1898 and the January issue of the Alumni *Quarterly*.

RUFUS WALKER, JR.

W. J. Jackson, ex-98, has been appointed as Acting Division Engineer of Minnesota and Dakota Division of the Chicago & Northwestern Railway Company, with headquarters at 267 West Howard street, Winona, Minnesota.

The address of E. H. Berry, *chem*, is now 1603 Manhattan Building, Chicago, instead of St. Louis, Missouri.

Archibald A. Shamel, *ag*, may be addressed at Riverside, California, after January 15, 1910.

The address of Frederick A. Mitchell, *me*, is 3325 Prospect avenue, Kansas City, Missouri

Don Hayes, *ce*, has been District Engineer of Pacific Coast Extension of the C. M. & St. P. for the past years, having charge of Location and Construction in the mountains of Idaho. His address is St. Maries, Idaho.

G. A. Thompson, *la*, is professor of English literature at the University of Maine, Orono, Maine.

Wallace Craig, *sci*, is professor and head of the Department of Philosophy at the University of Maine, Orono, Maine.

F. A. Mitchell, *me*, writes that he is Contracting Engineer for the Kansas City Structural Steel Company, having charge of the local contracting office of the concern. His family consists of his wife and a boy six years old. His address is 1012 Baltimore avenue, Kansas City, Missouri.

C. L. Wetzel, *ee*, is located at 1012 Logan avenue, Waterloo, Iowa. He is married and has one little boy.

The address of F. W. Von Oven, *ce*, is 135 Adams street, Chicago, Illinois.

Reed M. Perkins, *la*, is living at 306 South Fifth street, Springfield, Illinois.

Albert L. Thayer, *arch*, is living at New Castle, Pennsylvania. His family consists of his wife, two little boys and a baby girl.

Rome C. Saunders, *ee*, is with the Minneapolis General Electric Company. His address is 15 South Fifth street, Minneapolis, Minnesota.

Alice Frazey, *la*, is supervisor of drawing in the Urbana High School.

G. B. Worthen, *law*, of Tuscaloosa, Alabama, writes that he is practicing the civil branches of the law, especially in connection with corporations. He has a farm that he uses as a "Gym" as the opportunities are afforded.

Delbert R. Enochs, *la*, has been living on a farm near Mattoon, Illinois, where he has been sick since last May. His present address is 135 Adams street, Mattoon, Illinois. His brother, Claude D. Enochs, *ee*, is in St. Paul, Minnesota. He says the Enochs Electric Company makes the best Telephone on the market.

A. C. Linzee, *ee*, is Vice President

and Chief Engineer of The Imperial Electric Company of Akron, Ohio. He is married and has one son.

Edgar F. Collins, *ee*, who since graduation has been with the General Electric Company at Schnectady, New York, is now one of the assistant superintendents of the big plant of that company.

D. C. Wray, *ce*, is located at Depue, Illinois, as superintendent of one of the departments of the Mineral Point Zinc Company.

R. V. Spalding, *law*, is located at Glen Ellyn, Illinois, where he is doing considerable real estate business. His office is in the Tribune Building.

A. S. Williamson, *me*, is instructor in railroad mechanical engineering at the University. His address is 703 West California avenue, Urbana, Illinois.

Andrew H. Neureuther, *me*, passed the Illinois State Bar examination in April, and is now admitted to the practice of law. He is still mechanical engineer for the Western Clock Manufacturing Company at Peru, Illinois. He is married and has one boy.

T. M. Hatch, *ee*, writes that he has three small but husky boys. His address is 21-22 Peninsular Bank Building, Detroit, Michigan.

Harry C. Coffeen is now living in his new home at 6137 Madison avenue, Chicago.

Guy Chester, *ee*, is still at Champaign.

A. R. Crathorne is back at Illinois teaching.

W. W. Dillon, *la*, has taken to insurance business in Chicago.

R. V. Everhart, *sci*, has recently been transferred from Waterville, Maine to a very much larger church in Troy, New York. His new address is 1724 Fifth avenue.

The address of Stuart F. Forbes, arch, is 503 Dewey Building, Seattle.

Fred G. Fox, *la*, is at Mayville, North

Dakota. He is teaching in a college there.

1899

O. A. Leutwiler, Urbana, Illinois, Secretary.

The address of John K. Hoagland, *ag*, is changed from Mode, Illinois, to Clarksburg, Illinois.

Edith Clark (Burr), *la*, is living at Spokane, Washington. Her address is The Buena Vista, Apartment H.

Garrett T. Seely, *ce*, is engineer of maintenance and assistant to the president of the South Side Elevated Railroad of Chicago.

D. C. Ketchum has been somewhat prominent in the recent campaign in Kansas City against the street railway franchise. The ordinance was defeated by a vote of seven thousand majority.

1900

Miss Nellie McWilliams, 38 Second South street Champaign, Illinois, Secretary

Minnie E. Sears, *lib*, formerly head cataloger in Bryn Mawr College, has a similar position in the library of the University of Minnesota.

The address of Lucy Willcox (Wallace), *lib*, is 214 East 16th street, Minneapolis, Minnesota.

Alice P. Bixby, *ex-lib-'JJ*, who has been spending the last year in Europe, has returned to this country. Her address is 307, The Ontario, Washington, D. C.

The address of Linda M. Clatworthy, *lib*, is now 18 Federal street, Dayton, Ohio.

The address of Fred H. May, *law*, is 1538 West Jackson Boulevard, Chicago, Illinois.

The street number of F. E. Newton, *la*, is changed from 3349 Norwood Park avenue, to 6175 Norwood Park avenue, Chicago, Illinois.

Harry Hasson, *chem*, is manager of the Armour Fertilizer Works at Jacksonville, Georgia.

Thomas M. Headen, *la*, is practicing

law in Chicago, with offices in the Monadnock Block.

T. C. Phillips, *ce*, is in charge of an extension waste-water survey which the city of Chicago has been conducting for three years.

E. J. Schneider, *ce*, is contracting manager for the San Francisco office of the American Bridge Company.

John K. Bush, *la*, is the First National Bank of Joliet, Illinois.

1901

Frank W. Scott, 600 W. 133 street, New York City, Secretary.

The Albany Argus for December 12, contains a full page article on New York's State Education Building by H. H. Horner, *la*. This building, when completed will surpass anything of its kind in the country.

The address of P. A. Conard, *la*, is Calle Rincon 20, Montevideo, Uruguay, South America.

The address of William Meier, *ce*, is now 2152 Alice Place, Chicago, Illinois.

The address of Emeline Carter (Sherman), *lib*, is The Buena Vista, Apartment E., Spokane, Washington.

E. C. Slocumb, *ce*, is located at Artesia, New Mexico.

Frederick Allen Perkins, *law*, and Lina Bireley Reichert were married October 28, 1909, at Tipton, Iowa. They will make their home at Canton, Illinois.

B. W. Hicks, *ce*, is chief engineer of the Wisconsin & Michigan Railroad, with headquarters at Vulcan, Michigan.

Walter C. Lindley, *la*, has recently been made a member of a special committee on bankruptcy law, appointed by the Commercial Law League of America. At the fifteenth annual convention of the Commercial Law League of America he read a paper entitled, "How Can the Purposes of This League Best be Achieved."

1902

L. G. Parker, Urbana, Illinois, Secretary

Roy Smith, *la*, is now located at

Kobe, Japan. He is an instructor in the Higher Commercial College at that place.

Lee I. Knight, *la*, may be addressed Clemson College, North Carolina, instead of 905 Nevada street, Urbana, Illinois.

Julia Mason, *lib*, ex-'02, for several years librarian of the Public Library at Sullivan, Indiana, has been appointed librarian of the Public library of Princeton, Indiana.

Otto L. Luther, *la*, resigned his position as head of the history department in the Broadway high school, Seattle, Washington, to become Principal of the new Queen Anne High School in the same city.

The present address of Lee Jutton, *ce*, is 344 North Howard avenue, Chicago.

C. F. Hagedorn, *chem*, is superintendent of the fertilizer department of Armour and Company, with headquarters in Chicago.

H. F. Post, *me*, is general superintendent of the Roberts & Schafer Company, Old Colony building, Chicago.

H. H. Wooleson, *ce*, is a structural steel designer with E. C. and R. M. Shankland, the Rockery, Chicago.

E. O. Keator, *ce*, is superintendent in charge of the construction of the spillway for the Gatum dam of the Panama Canal.

Lewis Omer, *la*, is in instructor in mathematics in the Oak Park, Illinois high school. He also is director of athletics in that school, and has become one of the best known preparatory school coaches in the country.

1903

Roy W. Rutt, Urbana, Illinois, Secretary

The address of Edwin C. Briggs, *me*, is changed from Golden, Colorado, to Box 278, Phoenix, Arizona.

E. R. Hayhurst, A. B. '03, M. D., '08, is now Senior House Physician at the

Cook County Hospital, and will locate at Los Angeles, California.

J. M. Berger, A. B., '03, M. D., '08, has finished one and one half year's service as House Surgeon at the University Hospital, and will locate in Chicago. He has been appointed assistant to Dr. Charles Davison, Surgeon.

W. P. Ireland, *ce*, has been appointed Deputy Engineer, in which position he is making surveys for river improvements, state highways and state institutions. His headquarters are in the State Engineer's office, Capitol Building, Sacramento, California.

J. H. Wallace, *me*, has a position as Chief Engineer of the Carns Tunneling Machine Company at Boulder, Colorado.

The address of Roy W. Rutt, *me*, is changed from 107 Chalmers street, Champaign, Illinois, to 803 South Lincoln avenue, Urbana, Illinois.

The address of Mildred A. Burrill (Stone), *la*, and Hal M. Stone, *law*, is now 30 White Place, Bloomington, Illinois.

Hal M. Stone, *law*, was recently appointed Master in Chancery of the County of McLean. He still continues his private practice and also carries his Moot Court and other classes in the Wesleyan University.

The address of Maurice D. French, *ee*, is now 6459 Lexington avenue, Chicago, Illinois.

F. W. Rose, *ee*, has been with Mr. Charles L. Pillsbury, Consulting Engineer of Minneapolis and St. Paul, since January 1, 1909. His address is 1973 Carroll street, St. Paul, Minnesota.

A. L. Kuehn, *ce*, is general superintendent of the American Creosoting Company, Ellsworth Building, Chicago, Illinois.

The address of Ralph S. Drury, *me*, is changed from Green River, Wyoming, to Greeley, Colorado.

Marjorie D. Forbes, *la*, is now living at 614 Washington Boulevard, Seattle, Washington, instead of R. R. 3, Santa Barbara, California.

Oliver M. Dickerson, *sci*, is head instructor in history at the Western Illinois State Normal School, Macomb, Illinois, which position he has held since the fall of 1906.

The address of E. W. Block, *ce*, is changed from 6425 Bishop street, to 1748 East 73rd street, Chicago, Illinois.

John H. Schacht, *arch*, is still an architect at Moline, Illinois.

Ruth Abbott, *lib*, is still assistant librarian in the School of Education library at the University of Chicago.

Alice Ensign, ex-'03, will spend the winter with her brother in Boise, Idaho.

F. E. Rightor, *ce*, may be addressed, 720 Mundy avenue, El Paso, Texas.

George H. Dickerson, *me*, is located with the L. H. Prentice Company, 24 Sherman street, Chicago, in their engineering department and has charge of their contracts for the McCormick Building and Hotel Sherman.

Homer C. Coen, *la*, is practicing law at Olney, Illinois since he finished the law course in 1904.

Lenna Clark, *la*, is general secretary of the Young Women's Christian Association in Saginaw, Michigan.

Charles L. Ogden, *law*, has left the O. T. Johnson Company, in whose credit department he has recently been employed, and has resumed the general practice of law at Room 15 Carr building, Galesburg. His home address is 116 Cedar avenue, Galesburg, Illinois.

In Spokane, Washington, there is an organization of persons who have grad-

uated from or attended the University of Illinois. H. B. Ferris, of the Inland Empire Railway System is president and Alta L. Stansbury, *lib*, of the Spokane Public Library, is secretary.

Benjamin W. Hetherington, *law*, is associated with Thomas N. Haskins in the general practice of law at LaSalle, Illinois.

C. H. Green, *me*, is building a municipal water and light plant for the city of Carthage, Missouri.

Edna Daniels (Murray), *lib*, and her husband, Dr. George Murray, who have been living at Luton, England, have come to America, and will live in Columbus, Georgia. They arrived in New York, December 11, 1909.

C. H. Bean, *chem*, and Emma Clark Hunn were married September 23, 1909, at Atlanta, Georgia. They are living at 53 West Baker street, Atlanta, Georgia.

The address of Alta Stansbury, *lib*, is The Beuna Vista, Apartment H, Spokane, Washrington.

John J. Richey, *ce*, and Mary C. Ficklin were married September 16, 1909, at Charleson, Illinois. They are now aa home a 1010 West Oregon street, Urbana, Illinois.

Ellen A. Huntington, *hsc*, is now director of the Domestic Science and Arts Department at the Agricultural College of Utah, Logan, Utah.

Hugh M. Price, *ce*, is conducting a general civil engineering practice with an office in the Hartford building, Chicago.

G. H. Dickerson, *me*, is chief draftsman for the L. H. Prentice Company, heating and ventilating engineers of Chicago.

Lewis Brown, *me*, is superintendent of the factory of the Kawneer Manufacturing Company at Niles, Michigan.

A. F. Monroe, *law*, is operating a large automobile garage at Venice, Cal-

ifornia, a seashore town near Los Angeles.

The address of Ethel Forbes Scott, *la*, is 600 West 133d street, New York City.

1904

R. E. Schreiber, 1012 Fort Dearborn Bldg., 134 Monroe street, Chicago, Secretary.

My Dear Classmate:

Please take your *Illio* and look at the pictures and names of the members of the class of 1904, and make notes of what you know about some of them. Please let me know where they now live, what they are doing, whether or not they are married, and any other fact that the members of our class ought to know. Give an hour of your time some evening to this task and you will find it a genuine pleasure. However, do not be satisfied merely to think, but send your thoughts to your secretary,

R. E. Schreiber,

112 Fort Dearborn Bldg.,

134 Monroe street,

Chicago, Illinois.

Edmund L. Worthen, *ag*, is located in Raleigh, North Carolina. He is an instructor in the State Agricultural College.

Emo Cole (Spain), *la*, is living in San Antonio, Texas.

Ella Worthen, *la*, is teaching mathematics in the high school at Quincy, Illinois.

Elizabeth L. Hawthorn's, *la*, address is La Place, Illinois.

The address of Edith Williams, *la*, is 901 South Bussey avenue, Urbana, Illinois.

R. B. Howe, *ag*, is in the department of Horticulture at the University. His address is 907 California avenue, Urbana, Illinois.

The address of T. A. Marsh, *me*, is 6542 Washington avenue, Chicago.

F. E. Loosley, *me*, is still living at 1808 6th avenue, Moline, Illinois.

W. A. Allen, *ae*, is in Peoria, Illinois.

J. McCarthy, *lib*, is teaching at the Albert G. Lane high school in Chicago.

R. J. Stewart, *me*, is located at Milwaukee, Wisconsin.

R. R. Burgess, *arch*, is in Davenport, Iowa.

F. H. Burgess, *ee*, is employed by the American Bridge Company of Chicago.

C. F. Newcomb is practicing medicine at 311 Illinois building, Champaign, Illinois.

J. G. Wilson, with his wife, spent Christmas with R. W. Elden, '05, at McMinnville, Oregon.

The address of R. E. Schreiber, *la*, is 1012 Fort Dearborn building, 134 Monroe street, Chicago.

The address of Ethel Ricker, *arch*, is 612 West Green street, Urbana, Illinois, Illinois.

Lloyd E. Engel, *la*, is principal of the township high school at Armington, Illinois.

M. E. Cox, *law*, lives at Robinson, Illinois.

J. O. Taylor, *ce*, is still in Panama.

L. W. Railsback, *la*, is living at Ashland, Nebraska.

Cella Green, *la*, is located at Chenoa, Illinois.

The address of Trella Cresap, *la*, is Fargo, North Dakota.

Mary J. Booth, *lib*, is in Charleston,

Helen S. Dickson, ex-04, who has been connected for the past two years with the library at the Steel Works Club at Joliet, Illinois, has severed her connection with the institution. She has been engaged to organize a library for the Chicago Board of Trade.

Anna S. Pinkum, *lib*, has resigned the librarianship of the Stephenson Public Library at Marinette, Wisconsin.

The street address of Ralph E. Abell,

arch, is changed from Laurel street, to 30 Home Bank Building, Elgin, Illinois.

Josiah Gorham, *chem*, is second assistant chemist and engineer of tests for the Union Pacific Railroad at Omaha, Nebraska.

The street number of F. H. Burgess, *ee*, is changed from 1964 Kenmore avenue, to 4657 Kenmore avenue, Chicago, Illinois.

Mary J. Slocum (Bareuther), *sci*, is now living at Steamboat Springs, Colorado.

The address of N. D. Gaston, *me*, is changed from 259 South Clinton street, Chicago, Illinois, to 439 South Madison avenue, LaGrange, Illinois.

Fred Deutschmann, *ce*, is now superintendent of streets at Belleville, Illinois.

J. G. Worker, *me*, has resigned as Secretary-Treasurer of the University of Illinois Club of Pittsburg. His address is Attica, New York.

Clara E. Trimble, *la*, may be addressed Harvard Hotel, 5716 Washington avenue, Chicago.

D. A. Baer, *ee*, is in the construction department of the Commonwealth Edison Company, of Chicago, with headquarters at 139 Adams street.

H. H. Barter, *ee*, is an assistant engineer for the Seattle General Electric Company of Seattle, Washington. He had charge of the electrical lighting at the Alaska-Yukon-Pacific Exposition.

S. Dewey Brown, *ce*, is assistant to the president of several allied French financial concerns executing the construction of various public improvements in Brazil and Argentine. His address is 11 Rue Louis de Grande, Paris, France.

John W. Davis, *ce*, is a member of the firm of the Gage Structural Steel Company of Chicago.

J. F. McCullough, *me*, is an engineer with F. J. Postel & Company, Fisher Building, Chicago.

T. A. Marsh, *me*, is a sales engineer

engineer for the Green Engineering Company Commercial National Bank Building, Chicago.

C. E. Holcomb, *ce*, has been transferred from the Brooklyn Navy Yards to the Navy Yard at Washington, D. C. His address is 112 1st street, Northwest.

C. E. Ameling, *la*, who is now a ranchman at Basin, Wyoming, with his wife, visited about the University early in December. F

Stella Rogers Forbes, ex-'04, may be addressed at 617 West 152nd street, New York City.

1905

Thomas D. Casserly, 249 Osgood street, Chicago, Secretary.

T. H. Hildebrandt is instructor in mathematics at the University of Michigan. His address is 920 Monroe street, Ann Arbor, Michigan.

The address of Lela E. Barnard, *la*, is changed from 550 Colorado avenue, to 3617 Colorado avenue, Chicago, Illi-

The present address of Joseph Matousek, *ce*, is 3203 West 22nd street, Chi-

Alfred G. Schutt, *ce*, is living at 5027 Page avenue, St. Louis, Missouri.

The address of Helen Bullard (Bates), *la*, is 457 West 123rd street, New York City.

Ethel E. McAnulty, *la*, is now at Carthage, Illinois.

Edward W. Wagenseil, *me*, formerly of the Chicago Smoke Department, is now engaged in furnace work for the Burke Furnace Company, 185 Dearborn street, Chicago.

Ralph Ashley Horr, ex-'05, and Beulah Martha Johnson were married, October 16, 1909 at Cherokee, Iowa. They will live at Kent, Washington.

The address of Manuel J. Jacobs, *ce*, is 2900 Jackson street, San Francisco, California.

Fred Pfeffer, ex-'05, will be one of the

pitchers on the Chicago National League baseball club next season. He led the Eastern League last year in the percentage of games won, playing with Toronto.

F. G. Pegelow, *ce*, is a superintendent of construction for Holabird & Roche, architects, Monadnock Block, Chicago.

W. H. Rothgeb, *la*, is in the New York office of Farson, Son & Company, stock and bond dealers.

Albert Triebel, *ae*, is chief draftsman for the Peoria Stone and Marble Company of Peoria, Illinois.

George R. Bascom, *mse*, is operating a stone crushing plant at Muskogee, Oklahoma.

D. A. Mather, *ce*, is engaged in engineering for the United States Army at Fort Stevens, Oregon.

The address of Florence A. Armstrong, ex-'05, is 216 West 102d street, New York City.

Hilda Kirke White, *lib*, was married at St. Joseph, Missouri, on December 20, 1909, to William Alfred Walters. They will live at 450 East 15th street, Portland, Oregon.

Harriette Wray, *la*, may now be addressed at Columbia River, Washington.

County Judge L. T. Allen is organizing a juvenile court on much the same lines adopted by Judge Lindsay of Denver.

1906

Paul E. Howe, Urbana, Illinois, Secretary

Miles E. Baxter, *me*, is now with the Bucyrus Company of South Milwaukee. His address is 450 Van Buren street, Milwaukee, Wisconsin.

Earl Q. Snider, *sci*, formerly an instructor in the University Academy and for the last two years with the Ben Greet Players, is playing a leading part in company with William Faversham in "Herod."

Litta D. Jackson, *la*, may now be addressed Clinton, Iowa.

The address of Fielder Slocum, *me*, is Box 30 Bisbee, Arizona.

R. N. Smith, *la*, is in business at Carthage, Illinois.

The address of Floyd S. Hewes, *ce*, is changed from Amarillo, Texas, to Resident Engineer, Novice, Texas.

W. H. Gregory, *la*, is with Richards, Richards and Ferry, Counsellors-at-law, at Salt Lake City, Utah.

The address of Jacob G. Kemp, *sci*, is 604 East White street, Champaign, Illinois.

L. F. Bacon, *me*, is with the Cleveland-Cliffs Iron Company at Princeton, Michigan.

The address of Maudelle T. Brown, *la*, is 1600 Division street, Baltimore, Maryland.

The address of Howard G. Brownson, *la*, is Box 19, Wharton School, Logan Hall Philadelphia Pennsylvania.

The address of Alfred R. Bench, *me*, is 210 West Park street, Champaign, Illinois.

The address of W. R. Robinson, *ce*, is changed from 706 South Second street, Champaign, to 5531 Monroe avenue, Chicago, Illinois.

The new address of N. R. Porterfield, *ce*, is 158 South Grove street, East Orange, New Jersey.

Edith Page Bennett, *la*, is now at 1102 Ninth avenue, Seattle, Washington.

The street number of James M. Cleary *la*, is changed from 4301 Oakenwald avenue, to 4434 Oakenwald avenue, Chicago, Illinois.

The address of Charles C. Carr, *ce*, is 1806 South Homan avenue, Chicago, Illinois.

Charles L. Archer, *la*, is employed by the Utah Light and Railway Company of Salt Lake City, Utah. His street address is, 225 South Third East street.

C. A. Hewes, *ce*, and May Goodwin, of Sedalia, Missouri, were recently married. They will make their home at Van Buren, Arkansas, where Mr. Hewes is in the employ of the Missouri Pacific Railroad company.

Milton R. Wright has recently been appointed smoke inspector of the city of Chicago. His business address is 130 Reaper Block.

R. H. Kimball, *la*, may be addressed care of General Delivery, Los Angeles, California.

Leigh P. Hoff, *ce*, is with the Pittsburgh office of the Western Electric company.

The address of R. D. Jessup, *me*, is Morton, Illinois.

Jessie A. Powell, *la*, is teaching Latin in the high school at Linton, Indiana.

The address of R. W. Flowers, *ae*, is 1310 East 62nd street, Chicago, Illinois.

The address of W. R. Robinson, *ce*, is 5531 Monroe avenue, Chicago, Illinois.

A little over a year ago some one stole the gnomon from off the 1906 sun dial. Last month Professor Joel Stebins of the Astronomy department purchased a new one and had it placed on the dial. Now we are able to tell the time of day once more if we happen along while the sun is shining.

The address of Louis J. Butzow, *ce*, is 5758 Lowe avenue, Chicago, Illinois.

Philip S. Barto, *la*, is registered in the Graduate school.

A. F. Kidder, *ag*, is teaching in the University of Louisiana.

Edgar A. Morgan, *la*, is teaching in the Philippines. His address is Asingan, Pangasinan, P. I.

Lenore Latzer, *sci*, is assistant in Botany at the University. She is also doing graduate work.

Bradley Gardner, *chem*, is with the State Food Commission. He had charge

of the State Food exhibit at the Illinois State Fair.

E. G. Oldefest, *arch*, is in an architect's office in Chicago. His address is 6149 Monroe avenue.

John Earl Henry, *arch*, and Hope Herrick, *la*-'08, were married December 16, 1909, at Farmer City, Illinois. After February 1, 1910, they will be at home at Louisville, Kentucky.

Bert A. Lewis, *arch*, and Rose Adele Severance were married December 1, 1909, at Chicago. They will be at home in Tacoma, Washington, after January 15, 1910.

J. L. Bannon, *ce*, is assistant city engineer at Joliet, Illinois.

Litta C. Bansbach, *lib*, is librarian of the public library at Galena, Illinois.

I. G. Harmon, *ce*, is engineer in charge of the reconstruction of the Marshall Lake dam near Denver, Colorado, for the Denver Reservoir Irrigation company.

A. F. Comstock, *ce*, has joined the staff of the Engineering Record, as an associate editor with headquarters in the New York office of that Journal.

C. C. Rich, *arch*, is in the office of Pond & Pond, architects, Steinway Hall, Chicago.

R. M. Evans, *ee*, is city salesman for the Western Electric company in Seattle.

E. J. Mehren, *ce*, is associate editor of the Engineering Record, with headquarters in the New York office of that journal.

J. M. Cleary, *la*, has just returned from a trip of several months in Europe.

Earl Blair, *ex*-'06, is a commercial artist in Cleveland, Ohio.

May Allinson, *la*, is located at Boston, Massachusetts, where she is pursuing work under a Columbia University fellowship.

C. B. Suttle, *ce*, has recently connected himself with R. D. Wood & Company,

Philadelphia. His address is 304 North 35th street.

F. P. Dillon, *ce*, is in the Construction department of the U. S. Army at Fort Slocum, New York.

O. F. Strauch, *me*, has located in Dufur, Oregon, with the Oregon Short Line Railroad Company. He went from Scranton, Pennsylvania.

The address of Harvey C. Wood, *ex*-'06, and Myra Cox (Wood), *ex*-'06, is 637 St. Mark's avenue, Brooklyn, New York. Mr. Wood's Business address is 227 Fulton street, New York City. He is manager of the office of the Classified Telephone Directory of New York City.

1907

Thomas E. Gill, 611 Woodlawn avenue Rockford Illinois.

Helen M. Eaton, *la*, has accepted the position of pastor's assistant in the First Congregational Church of Decatur, Illinois. Her address is 436 West Eldorado street, Decatur, Illinois.

W. L. Egy, *ee*, is employed as assistant engineer in the Underwriters' Laboratories, Incorporated, Chicago.

Carl R. Dick, *ae*, is in the employ of the Decatur Bridge Company at Decatur, Illinois.

Alfred R. Koch, *sci*, is located at Glen Ferris, West Virginia, as chemist for the Electro Metallurgical Company.

The address of V. W. Switzer, *ce*, is 350 Broadway, New York City. He is still in the employ of the Baker-Vawter Company.

W. J. McFarland, *sci*, is in business in Chicago.

George Beyers, *sci*, who has been employed in the Chicago lyaboratories of Arnour & Company has been promoted to the position of acting head chemist in the Omaha laboratories of the same company.

The address of Bess E. Wilson, *lib*, is changed from 1014 West Monroe

street, Chicago, to care of Delos F. Diggins Library, Harvard, Illinois.

The address of G. R. Mueller, *me*, is 1010 Board of Trade Building, Portland, Oregon.

Wilfred Lewis, *ce*, is now engaged in engineering work in Seattle where he has entered business for himself.

The address of D. A. Clingan, *la*, is 403 Daniel building, Danville, Illinois.

T. O. Johnson, ex-'07, is now with D. H. Burnham and Company, Railway Exchange Building, Chicago, Illinois.

Walter E. Billings, ex-'07, is now with the Western Electric Company, Hawthorne, Illinois.

Lorraine Perrin, *law*, is a practicing attorney at Belleville, Illinois.

Elizabeth Burnside, *lib*, who spent several months in organizing the library of Bradley Polytechnic Institute, Peoria, Illinois, has been appointed librarian at that institution.

Jessie Ryan, *la*, is teaching English in the Tacoma, Washington High School.

William Black, Jr., *me*, is teaching in the University of Wisconsin. His address is 126 East Dayton street, Madison, Wisconsin.

The present address of Alfred P. Poorman, *ce*, is 306 Salisbury street, West Lafayette, Indiana.

Ward L. Hull, *ag*, is at the University of Corvallis, Oregon.

R. R. Helm, *la*, graduated in August from the University of Chicago Law School with the degree of J. D. The last heard from him was that he was at his native town Metropolis, Masac county, Illinois, busily preparing for the Bar examination.

Dean Burns, *sci*, and Elizabeth Grosh were married the past year and are living at the corner of Sixth street and Broadway, Pekin, Illinois.

This summer the Delavan (Wisconsin) Chautauqua Assembly was treated

to a course of lectures by A. O. Gross, *sci*.

"Jimmy" McManus, *ce*, is now with the War Department with headquarters at St. Paul, Minnesota. He is the Architectural and Structural Steel draftsman there under the Chief Quartermaster. His address is Army Building, St. Paul, Minnesota. Please call.

The last address of E. R. Tarnoski, *ce*, was 1750 Monadnock building, Chicago. He was with Ralph Modjeski.

Burt T. Anderson, *ce*, has not been heard from since he handed in his record blank at which time he was at work with the Union Switch and Signal Company at Swissvale, Pennsylvania.

R. V. Ross, *la*, is now located at Seattle, Washington.

The address of Ruth E. Brown, *la*, is 211 Galena avenue, Dixon, Illinois.

George Jensen is located at Kansas City, Missouri. His address is care Builders' Material Supply Company, 30 Scarrett building.

D. G. Young is employed with the United Engineering Construction Company, Portland, Oregon.

C. W. Garland has moved his law office from the Buchanan Building to the Swetland Building, Portland, Oregon.

J. H. Knox is engaged as engineer for the Portland Concrete, Pile and Equipment Company, with offices in the Ainsworth Block, Portland, Oregon.

J. W. Andree, *ee*, is an instructor in St. Ignatius College, Chicago.

Arthur Ward Archer's *arch*, permanent home address is Little Rock, Arkansas.

A. J. Argraves, *ce*, was working with the Illinois Steel Company, Chicago, the last time the secretary heard from him.

Alvin Shaller, *me*, is located at 910 Pasoe street, Kansas City, Missouri.

H. W. Elliott, *ce*, more popularly called "Hi" is living at 6118 Woodlawn avenue, Chicago. "Hi" was married

two years ago last October. He has not written to the secretary since leaving college.

The permanent home address of Harry Savidge, *ce*, is Farmer City, Illinois. He is a civil engineer, and like the rest of them, can never be located.

A. J. Schafmeyer, *ce*, is living on Drexel avenue, Chicago. 5800 Drexel avenue will reach him by mail.

The permanent address of H. A. Scholz, *sci*, is 910 Linden street, Burlington, Iowa.

C. C. Austin, *me*, is now teaching the young engineers at Purdue the ins and outs of gas engines. "Hunk" is better fitted for such a job than that of selling topical bibles since he smoked that black cigar. He said that he saw "Dutch" Daehler there the other day. With Dutch and Hunk at Purdue there ought to be something doing at our sister institution. We will be hearing that they have organized an Illini club there in the near future if they live up to their reputations. Hunk was stranded in the west for a while. We are glad to welcome him back to civilization.

Otto W. Schreiber is in Chicago and has almost completed his course in the law school of the University of Chicago.

A. G. Gustafson has been engaged in the soil survey of the state this summer. He has had charge of the men in the northern tier of counties. He is engaged as instructor at the University this year. Address him care of the College of Agriculture.

J. R. Scott, *ce*, was with the Illinois Central the last time the records showed a report from him.

The address of W. R. Scott, *ee*, is now Seymour, Illinois.

No word has been received from A. P. Scruggs, *law*, since he left school.

Jerome K. Simer, *la*, has reported from a law office in Minneapolis, Minnesota. Any later word?

L. E. Sinclair, *ag*, is farming at Ashland, Illinois.

Ed Hagan, *ee*, is teaching in the technical department at DuPaul University, Chicago.

Harry G. Hake, *ee*, is an instructor in Electrical Engineering at the University. His address is 509 South Fourth street, Champaign, Illinois.

J. C. Spitler, *ag*, is managing a farm at Montrose, Illinois.

I. G. Harmon, *ce*, is now addressed Effingham, Illinois.

The present address of J. W. Harnit, *me*, is unknown.

Fred N. Staker, *law*, has not reported his success in the legal profession. His home is in Clayton, Illinois.

Howard C. Haungs, *ce*, is still in Peoria. Address him at 118 Linn street.

E. D. Stearns, *me*, is with the Stevens-Adamson Company, at Aurora, Illinois. "Ez" Kendall, *me*, and Frank Welsh, *me*, are with the same concern.

A. H. St. John was with the Link Belt Company, Chicago, when last heard from. His permanent home address is Utica, Illinois.

H. R. Straight, *me*, is with the Dallas Company Brick and Tile Works, Adel, Iowa.

James A. Strawn, *me*, is with the Link-Belt Company at Forrest, Illinois.

A. A. Hummel, *sci*, is teaching science in the High School at Redlands, California.

W. G. Hummel, *ag*, may be addressed Agricultural College, New Mexico.

N. R. Wakefield, *la*, graduated from the law school of Northwestern last June.

M. E. Vassen, *la*, graduated from the law school of Northwestern last June and successfully passed the State Bar examination.

Louise Huse Pray and husband are proud of a little son born to them last

winter. Mrs. Pray claims it for '07. Mr. Pray for '06. As usual '07 wins.

C. E. Hutchin, *la*, graduated in June from the Law School. He was president of the Student Union during his last semester.

O. Joy. Where is he? The last heard from H. J. Joy, *ag*, was that his permanent home address was Chapin, Illinois.

John J. Davis, *sci*, and Pearle Elizabeth Taylor were married October 27, 1909, at Rich Hill, Missouri. They are at home at 3913 North 42nd avenue, Chicago, Illinois.

Richard Abner Brooks, *ee*, and Margaret Jane King were married, November 9, 1909, at Chicago, Illinois. They are living at Massillon, Ohio.

Christiana Denny, ex-'07 was married to Charles W. Smith, *la*-'05, August 25, 1909, at Lincoln, Illinois. They will make their home in Seattle, where Mr. Smith is reference librarian in the University of Washington.

W. L. Hull, *ag*, is working for the Dairy Department of the Oregon Agricultural College situated at Corvallis, Oregon. His address is 561 Washington street.

E. D. Stearns, *me*, has been appointed manager of the Stephens-Adamson Manufacturing Company, located in the Hudson Terminal Building, 50 Church street, New York City. Since graduation he has been draughtsman, inspecting engineer and salesman for this concern.

Trygve Jensen, *ce*, has been awarded the prize for the best thesis presented in competition, to the Edison Medal Committee of the American Institute of Electrical Engineers. His thesis was entitled "The Operation of a 100,000-Volt Transformer", and the prize it won was a cash award of \$150 and a diploma.

Victor J. Phillips, *ce*, is in the sales

department of the Standard Asphalt & Rubber Company of Chicago.

J. P. Beck, *la*, is manager of the Cement Show which is to be held in the Coliseum at Chicago in February. He also is manager of the publicity bureau of the Universal Portland Cement Company of that city.

H. May Scott (Osborn), ex-'07, is living in Seattle.

F. A. Pruitt, *ce*, is now with the Detroit River Tunnel Company. His address is 307 Howard avenue, Detroit, Michigan.

Harold D. Hughes, *ag*, who has had charge of the Crop Production work at the University of Missouri since his graduation, has recently been elected Professor of Crop Production at Iowa State College, and takes charge of the new work February 1st.

1908

B. A. Strauch, Champaign, Illinois, Secretary Annebell Fraser, *lib*, has resigned her position in the office of Melvil Dewey at Lake Placid Club to accept a position in the Armour Institute library, Chicago, Illinois.

H. H. Ziesing, *ce*, may be addressed care of Gary Hotel, Gary, Indiana.

Elizabeth T. Stout, *lib*, is now in charge of the reference work at Sioux City, Iowa, Public Library.

J. M. Bateman, ex-'08, is traveling for the Western Electric Company and has the whole state of Illinois as territory.

The address of Ethel M. Bushnell, *la*, is changed from 40 Scott street, Chicago, to 2309 Eldridge avenue, Billingham, Massachusetts.

Beatrice M. Butler, *la*, is teaching English and algebra in the high school at Mt. Carroll, Illinois.

Helen Webb, ex-'08 is superintendent of drawing at Franklin College, Indiana.

The address of Archie S. Buyers, *me*,

is 231 Seward Place, Schenectady, New York.

Nina M. Weinberg, *la*, may be addressed Rushville, Illinois.

D. L. Weatherhead, *chem*, who received his master's degree in science last year has been appointed an inspector for the New York Food and Dairy Inspection laboratories.

George E. Jaquet, *ee*, is living at 296 Woodworth avenue, Yonkers, New York.

H. T. Boon, ex-'08, is with Fanchist & Sons, contractors at Sioux Falls, South Dakota.

Nell Dickenson has accepted a position as assistant in household science at the University.

The address of Horace G. Hobbs, *ee*, is changed from Akron, Ohio, to 3 North Wendell avenue, Schenectady, New York.

The address of S. M. Berolzheimer, *chem*, is 48 Illinois street, Chicago Heights, Illinois.

Robert Latzer, *ag*, is associated in business with his father in Highland, Illinois.

J. W. Shaw, *me*, is employed with the Allis-Chalmers Company of Milwaukee, Wisconsin.

Mabel Smith is superintendent of music in the public schools at Dennison, Iowa.

The address of A. P. Bumstead, *la*, is 188 Pacific street, Seattle, Washington.

A. P. Hueckel, *ce*, is with the Western Engineering Company at Tacoma, Washington.

L. B. Kinsey, *ce*, and A. N. Heaney, *ce*, have located in Muskogee, Oklahoma, where they will engage in the bridge building business as partners.

R. E. Robinson, *me*, is with the Olds Motor Company.

The present address of James M. Warner, *ce*, is Ovala, Taylor County,

Texas. He is resident engineer of the P. & N. T. Railroad at that place.

The address of Hazel Cooper, *la*, is 1825 New Braunfels avenue, San Antonio, Texas.

Ida L. Lange, *lib*, has been appointed assistant in charge of accessions at the University of Illinois.

Edward A. Styles, *ee*, has a position with the Peerless Auto Company of Cleveland, Ohio.

R. Osgood Harder, *ce*, and Otie N. Thomas were married October 20, 1909 at Hope, Illinois. They will live at Lockport, Illinois, where Mr. Harder is engaged in engineering work.

Myrtle McCain, *hsc*, and Earl B. Konsos were married October 19, 1909, at Utica, Missouri. They will reside at Baldwin, Kansas.

Eugene Turner Leonard, ex-'08, and Madge Conger were married December 7, 1909, at Manchester, Iowa. They will make their home at Pekin, Illinois.

Joseph B. Streid, *sci*, and in the second year of his work at the college of Physicians and Surgeons, died August 31, 1909, at his home at Metamora, Illinois.

W. B. Greene, *me*, is a designer in the Chicago office of the Robins Conveying Belt Company of New York.

H. C. Moran, *law*, was recently elected judge of the city court of Canton Illinois. The court ranks with the city courts of Alton, East St. Louis, Elgin and Aurora, and within its corporate limits, has the same jurisdiction as the circuit court.

1909

J. Kennedy Kincaid, *ag*, is supervising a number of farms near Athens, Illinois.

H. S. Horner, *arch*, is associated with an architectural firm in Chicago.

C. B. Mills, *ag*, is an instructor at Butler College.

L. A. Dillon, *la*, is teaching in the high school at Newman, Illinois.

Robert B. Rodgers, *ee*, is an instructor in the L. E. Wolfe Vocational School for Boys at San Antonio. His address is 119 West Carolina street, San Antonio, Texas.

John Lloyd Jones, *mse*, is assistant cashier of the First National Bank at Henry, Illinois.

The street number of John D. Froehlich, *ce*, is changed from 258 East Ohio to 9 West Ohio street, Chicago, Illinois.

The address of Erna M. Fink is Morton, Illinois.

Harvey McCool, ex-'09, is now with the State Bridge Commission and is working near Milford.

L. U. Everhart, *law*, and H. E. Wilson, *law*, have recently passed the bar examination.

The address of Lura E. Parsons, *sci*, is 215 East Franklin street, Portage, Wisconsin.

F. P. Snider, *law*, has located in Oklahoma City, Oklahoma for the practice of law.

The address of Albert Penn, *ee*, is changed from Camden, Indiana, to 2821 Warren avenue, Chicago, Illinois.

A. B. Campbell, *ee*, is associated with the Bullock Electrical Company of Norwood, Ohio.

Horace Rayner, *ce*, may be addressed, care of the United States Geological Survey, Washington, D. C.

D. G. Bevis, *ce*, is now at Ivesdale, Illinois, inspecting piers and abutments for the Wabash railroad.

Pearl Swanberg, *hsc*, has accepted a position as supervisor of music in the public schools of Philo, Illinois.

G. L. Weinrich, ex-'09, of Chester, has accepted a position as private secretary to Hartman & Thompson, members of a prominent banking firm in Portland, Oregon.

Carl B. Hoge, *ee*, is located at 114

Howard avenue, North, Seattle, Washington.

George S. Russell, *ce*, may be addressed at 1051 Minnesota avenue, Kansas City, Kansas.

T. E. Young is with the Engineering Construction Company, Portland, Oregon.

L. V. Manspeaker, *ce*, is now at Tupelo, Oklahoma.

F. M. Simpson, *ag*, is running a large farm near Vienna, Illinois.

James R. Stalker, *ce*, is located at 309 Keith and Perry Building, Kansas City, Missouri.

H. H. Simmons, *ce*, is associate editor of the Railroad Age Gazette, Chicago, the position he took on leaving the University last June. His residence address is 5531 Monroe avenue, Chicago, Illinois.

F. T. Heyle, *ce*, is in the employ of The Yawger Company, Columbus, Ohio.

The address of Daniel Marsh, *ce*, is Weldon, Illinois.

Harry S. Lofquist, *ee*, is working in the engineering department of the National Electric Lamp Association of Cleveland, Ohio. His address is 1910 East 55th street, Cleveland, Ohio.

Justina Schroeder is teaching in the high school at Somorank, Illinois.

Agnes Barrett, *la*, is teaching history at Centralia, Illinois.

A. M. Korsmo, *ce*, is employed by the C. B. & Q. Railroad Company.

M. K. Jordon, *ce*, is now inspector on construction at 20th street viaduct, Boulder, Colorado.

H. B. Kingsbury, *la*, is an instructor in mathematics in the University Academy.

Nell Nollen is a teacher in the high school at Normal, Illinois.

H. S. Hill, *chem*, has a position in the Chief Chemist's office of the Atchison, Topeka and Santa Fe Railway Sys-

tem. His address is 318 West Fifth street, Topeka, Kansas.

H. J. Wernsing, *la*, is in the employ of the Bell Telephone Company at Salt Lake City, Utah:

Mary Fruin, *la*, is teaching German and English at Alexandra, South Dakota.

Lydia M. Brauer, *la*, is a teacher of history and German at Chilton, Wisconsin.

George L. Jensen, *ce*, is in the employ of the Builder Material Supply Company of Kansas City, Missouri.

J. J. Miller, *chem*, is assistant editor of Chemical Abstract Journal.

Effie Bauer is principal of the high school at Averyville, Illinois.

Roscoe D. Wyatt, *law*, has a position as public land clerk and is located at Little Rock, Arkansas.

H. W. McCulloch is principal of the high school at Milford, Illinois.

Grace Swan is teaching music in the Arcola, Illinois, schools.

E. C. Converse is teaching physics at Elgin, Illinois.

The address of Mark E. Powers, *me*, is 414 50th Place, Chicago, instead of 703 West University avenue, Champaign, Illinois.

Lloyd H. Almy, *sci*, has been promoted to the position of first assistant chemist in the Missouri Pacific shops in St. Louis.

Hilda Strauch, is a teacher of domestic science and German at Carrington, North Dakota.

Amy Poorman is teaching domestic science at Centralia, Illinois.

S. S. Humphreys, *la*, is reporting on the Chicago Inter Ocean.

Edward C. Rainey, *la*, and J. P. Butler, *la-'08*, expect to go to Grand Potts, Oregon in the near future to start a newspaper. Mr. Rainey has been engaged in newspaper work in Mt. Vernon, Illinois and Mr. Butler has been as-

sociated with the Chicago Daily News.

The address of P. M. Johanning, *me*, is 363 National avenue, Milwaukee, Wisconsin.

James J. Burke, *me*, is with D. H. Burnham & Company, Architects, Railway Exchange Building, Chicago.

Hazel Berg, *hs*, is teaching in the Household Science department of the University of Missouri.

W. C. Swett, *ce*, may be addressed at 365 South Superior street, Mason City, Iowa.

F. L. Holch, *la-'04* and Josephine Van Dorsten, *sci*, were married on Christmas Day. Mr. Holch is superintendent of schools at Sheldon, Illinois.

Elizabeth Smith, *lib*, has been added to the faculty of the Department of Library Science at the Syracuse University.

Helen E. Ervin, *lib*, is general assistant at Miami University, Oxford, Ohio.

Elizabeth Ritchie, *lib*, has resigned her position at the Kansas State Library to accept the librarianship of the Public library at Kalispell, Montana.

O. M. Eastman, *la*, of the graduate school has accepted a position as principal of a high school in Minnesota.

The address of Rathinda N. Tagore, *ag*, is 6 D. N. Tagor's Lane, Jorosanko, Calcutta, India.

Appearing in a new book, "Representative College Orations", edited by Edwin Shurter, associate professor of public speaking in the University of Texas, is an oration entitled, "An Issue of Justice: Equal Suffrage for Women", by Joseph H. Zearing, *la*. The oration was awarded first prize in the Illinois State Equal Suffrage Contest, which was held under the auspices of the Chicago Woman's Club in 1907.

W. J. Wardell, *la*, is in the Des Moines, Iowa, office of Trowbridge & Niver, stock and bond bankers of Chicago.

Nondas Russell, ex-'09 is instructor of drawing in the public schools at Dixon, Illinois.

Clifford Allen Cherry, ex-'09, and Helen Frances Voss were married December 27, 1909, at Chicago, Illinois.

They will be at home after the first of May at Aurora, Illinois.

Eugene W. Kraft, *me*, is taking a postgraduate course in the Technical Hochschule in Charlottenburg, a suburb of Berlin, Germany. His address is Bach Strasse 5, Berlin, N. W.

MARRIAGES

- | | | | |
|-------|--|-------|---|
| 1892 | Cassandra Boggs, <i>la</i> , to George A. Miller, on December 23, 1909, at Urbana, Illinois. | 1904 | Frederic Leidy Holch, <i>la</i> , to Josephine Van Dorsten, <i>sci</i> -'09, on December 25, 1909, at Urbana, Illinois. |
| 1894 | Frederick Samuel Holbrook, <i>chem</i> , to Adelyn Parshall, on October 16, 1909, at Chicago, Illinois. | 1905 | William George Eckhardt, <i>ag</i> , to Eva Luella Alverson, <i>la</i> -'06, on December 25, 1909, at Urbana, Illinois. |
| 1896 | J. G. Beach, <i>arch.</i> , to Alice Benson, October 25, 1909, at Portland, Oregon. | ex-05 | Ralph Ashley Horr, to Beulah Martha Johnson, on October 16, 1909, at Cherokee, Iowa. |
| ex-98 | Robert I. Bullard, to Ellen T. Merriman, on November 4, 1909, at Springfield, Illinois. | 1905 | Hilda Kirke White, <i>lib</i> , to William Alfred Walters, on December 20, 1909, at St. Joseph, Missouri. |
| 1901 | Frederic Allen Perkins, <i>law</i> , to Lina Bireley Reichert, on October 28, 1909, at Tipton, Iowa. | 1906 | John Earl Henry, <i>arch</i> , to Hope Herrick, <i>la</i> -'08, on December 16, 1909, at Farmer City, Illinois. |
| 1901 | John Harris Strawn, <i>la</i> , to Margaret Morris Rinehart, on December 8, 1909, at Waynesburg, Pennsylvania. | 1906 | Burt A. Lewis, <i>arch</i> , to Rose Adele Severance, on December 1, 1909, at Chicago, Illinois. |
| 1902 | C. H. Kable, <i>arch.</i> , to Ethel Mackey, August 26, 1909, at Portland, Oregon. | 1906 | Eva Luella Alverson, <i>la</i> , to William George Eckhardt, <i>ag</i> -'05, on December 25, 1909, at Urbana, Illinois. |
| 1902 | Anna Riley, <i>lib</i> , to Leonard Joseph Miller, on October 27, 1909, at Urbana, Illinois. | 1907 | Richard Abner Brooks, <i>ee</i> , to Margaret Jane King, on November 9, 1909, at Chicago, Illinois. |
| 1903 | John J. Richey, <i>ce</i> , to Mary C. Ficklin, on September 16, 1909, at Charleston, Illinois. | 1907 | Raymond Cliff Yant, <i>ce</i> , to Josephine Lyons Blair, on November 25, 1909, at Piper City, Illinois. |
| 1903 | Charles W. Smith, <i>la</i> , to Christina Denny, ex-'07, on August 25, 1909, at Lincoln, Illinois. | 1907 | Harry P. Humphreys, <i>me</i> , to Grace Stark, on December 18, 1909, at Dixon, Illinois. |
| 1903 | Gustavus A. Schmidt, <i>sci</i> , to Sarah Frances Lindsay, on December 29, 1909, at Boise, Idaho. | 1907 | John June Davis, <i>sci</i> , to Pearle Elizabeth Taylor, on October 27, 1909, at Rich Hill, Missouri. |
| 1904 | Len Colp, <i>law</i> , to Ethel Burkhardt, on November 2, 1909, at Marion, Illinois. | | |

- ex-07 Christina Denny, to Charles W. Smith, *la*-03, on August 25, 1909, at Lincoln, Illinois.
- 1908 Hope Herrick, *la*, to John Earl Henry, *arch*-06, on December 16, 1909, at Farmer City, Illinois.
- 1908 Rufus W. Smith, *ag*, to Tina Hastings, on November 17, 1909, at Urbana, Illinois.
- 1908 Myrtle McCain, *hsc*, to Earl B. Kosnos, on October 18, 1909, at Utica, Missouri.
- 1908 R. Osgood Harder, *ce*, to Otie N. Thomas, on October 20, 1909, at Hope, Illinois.
- 1908 William Z. Black, *ag*, to Mildred Leas, on November 26, 1909, at Danville, Illinois.
- ex-08 Eugene Turner Leonard, to Madge Conger, on December 7, 1909, at Manchester, Iowa.
- ex-08 Josephine Lyons Blair, to Raymond Cliff Yant, *ce*-07, on November 25, 1909, at Piper City, Illinois.
- 1909 Allan Berry Campbell, *ce*, to Mary Butler, on October 12, 1909, at Carthage, Illinois.
- 1909 Nora B. Dunlap, *la*, to Robert B. Rogers, *ee*, on December 27, 1909, at Champaign, Illinois.
- 1909 Robert B. Rogers, *ee*, to Nora B. Dunlap, *la*, on December 27, 1909, at Champaign, Illinois.
- 1909 Josephine Van Dorsten, *sci*, to Frederic Leidy Holch, *la*-04, on December 25, 1909, at Urbana, Illinois.
- ex-09 Charles E. McCool, to Anna Purdue, on November 23, 1909, at Lincoln, Illinois.
- ex-09 Clifford Allen Cherry, to Helen Frances Voss, on December 27, 1909, at Chicago, Illinois.

DEATHS

- ex-96 Will T. Pierce, *ce*, born October 12, 1871, at Mt. Carroll, Illinois, died December 23, 1909, at Hermin, Illinois.
- 1903 Lester William Zartman, *la*, born December 9, 1878, at Kankakee, Illinois, died October 19, 1909, at New Haven, Connecticut.
- 1904 Noah Knapp, *la*, born June 15, 1877, at Edinburg, Indiana, died July 15, 1909, at Hindsboro, Illinois.
- ex-07 Floyd C. Tryon, born May 7, 1883, at Tryon's Grove, McHenry county, Illinois, died January 1, 1910, at Woodstock, Illinois.
- 1908 Joseph Benjamin Streid, *sci*, died August 31, 1909, at Metamora, Illinois.
- 1909 Frances E. Clarke, *la*, died October 31, 1909, at Elgin, Illinois.
- 1909 Albert Charles Yehling, *ee*, born March 24, 1888, at St. Johns, Illinois, died October 22, 1909, at St. Louis, Missouri.
- 1913 Herbert Wilson Dennis, *ag*, born January 27, 1890, died December 26, 1909, at Champaign, Illinois.

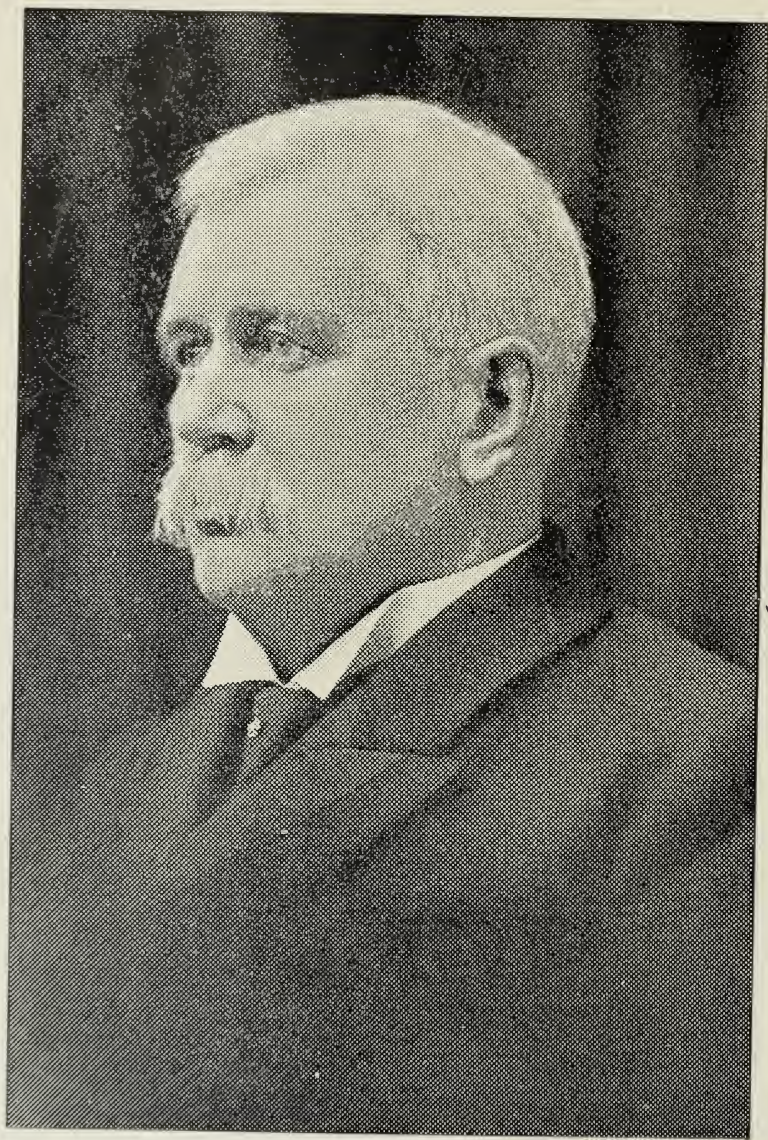
BIRTHS

- 1893 To James A. Kinkad, *chem*, and Beatrice Reynolds (Kinkad), on October 16, a son, David.
- 1896 To George D. Hubbard, *sci*, and Edna A. Rugg (Hubbard), on October 6, 1909, a daughter, Dorothy Hope.
- 1897 To Ernest Browning Forbes, *sci*, and Lydia Mather (Forbes), on December 4, 1909, a son, Stephen Alfred, Jr.
- 1900 To Lydia Mather (Forbes), *la*, and Ernest Browning Forbes, on December 4, 1909, a son, Stephen Alfred, Jr.
- 1900 To Edna A. Rugg (Hubbard), *la*, and George D. Hubbard, on October 6, 1909, a daughter, Dorothy Hope.
- 1900 To Alfred A. Kuehn, *ce*, and Olive Chacey (Kuehn), on October 9, 1909, a son, George Waldemar.
- 1902 To Otto Lawrence Luther, *la*, and Adah Helen Stutsman (Luther), on October 13, 1909, a son, Philip Harrison.
- 1903 To Adah Helen Stutsman (Luther), *la*, and Otto Lawrence Luther, on October 13, 1909, a son, Philip Harrison.
- 1903 To Lois Franklin (Stoolman), *la*, and A. W. Stoolman, on January 4, 1910, a daughter.
- 1903 To Olive Chacey (Kuehn), *la*, and Alfred L. Kuehn, on October 9, 1909, a son, George Waldemar.
- 1903 To Charlotte Nelson (Jack), *hsc*, and Cecil M. Jack, on November 5, 1909, a daughter, Cecilia McKee.
- 1903 To Lulu M. Lego (Hughes), *law*, and Harold D. Hughes, on November 26, 1909, a son, John N.
- 1906 To Edward J. Mehren, *ce*, and Grace Walsh (Mehren), on August 4, 1909, a son, John Walsh.
- 1906 To Earl Belmont Woodin, *ce*, and Grace Mast (Woodin), on December 24, 1909, a daughter, Gwendolyn Grace.
- 1907 To Harold D. Hughes, *ag*, and Lulu M. Lego (Hughes), on November 28, 1909, a son, John N.
- 1909 To Mabel Hanson (Colvin), and Thomas J. Colvin, on November 27, a daughter.

FOR SALE.

Ill. Sup. Court Rep., 150 vol.; Ill. Rev. Stat. 1845, 1870, 1889 (Cath. Ann.); Ill. Sess. Laws, 1881; Haines' City & Vill. Laws, 1878; Puterbaugh's Pl. & Pr. 1888, 2 vol.; Hill's Ill. D.g., 5 vol.; Mass. Dig. 1881, 3 vol.; Amer. Corp. Cas., Withrow, 1874, 2 vol.; McCreary on Elec., 1880; High's Ex. Leg. Rem., 1874. Generally in good condition, some rebinding. All for \$200 cash. Also Ann. Enc., 1861-1864, 4 vol.; Geol. Sur. of Ill., Vols. 1, 2, 5, 6; Proc. 6th Inter. Cong. on Tuber., 6 vol., 8 parts, pap.; Forum, Vols. 7, 8, 9, 10. Address

R. F. D. 12, BETHESDA, MARYLAND.



ANDREW SLOAN DRAPER, LL.B., LL.D.
Commissioner of Education, Albany, N. Y.

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MAKERS OF THE UNIVERSITY

IV. ANDREW SLOAN DRAPER

By SAMUEL A. BULLARD, 1878.

The University of Illinois had been in operation twenty-seven years when, in the summer of 1894, Andrew Sloan Draper was elected its President. Its twenty-third class was being graduated. With that class its graduates numbered 846.

The time of the withdrawal of President Peabody in 1891 was a pivotal period in the history of the University. The trustees were formulating great plans for the development of the institution, and Andrew Sloan Draper was invited to execute these plans. He was forty-six years of age when he accepted the call. He is of sturdy New England stock, conscious of an honorable family record worthy of consistent guardianship, and with moral courage and integrity to sustain it. He was born, reared, and educated in the State of New York. He was not University bred, but was educated in Union College for the profession of law and for awhile practiced in the City of Albany. He was for one year a member of the legislature. He became State Superintendent of Public Instruction in 1886 which place he held until 1892. He was for the two following years Superintendent of Schools of the City of Cleveland, Ohio, which position he relinquished to accept the presidency of the University of Illinois. He was married in 1872 to Miss Abbie Louise Lyon. He and Mrs. Draper are communicants of the Presbyterian Church.

President Draper did not aspire to the presidency of the University. He was sought out by the Board. He says, "I had serious misgivings about the advisability of accepting the post.

I doubted my adaptability to it." His hesitancy lay in the fact that he was not a University man. His mind and activities while they had a long time followed educational thought, had not much to do with the higher grades of College and University work. His large practical experience in public positions, however, had given him a training which the colleges cannot give; and with his clear and comprehensive grasp of the ends to be accomplished he entered upon his work. In his letter of acceptance President Draper expressed himself as follows: "To enable a University to advance to a leading position, it must have financial aid to an extent which would have surprised the last generation, for the field of University operations has broadened as the activities of the people have multiplied and become more intense; it must have adequate accommodations and liberal equipment; its departments must be able to supply life-giving instruction to all branches of liberal learning; its work must attract attention, it must be authoritative and command respect, it must show anxiety and ability to stimulate the common life of the people, and bring renown to the good name of the state. Liberal moneyed support will not avail, unless there is also harmony and strength in the managing board of the faculty, as well as confidence and co-operation between them, and unless the local situation is attracting and uplifting, near which an increasing number of students can find healthful and happy homes at moderate cost. The whole must be enveloped in an air of contentment, of exalted culture, of stability, and reserve power." In the same paper he further said—"It does not seem to me advisable that a State university should be encumbered with the management of industrial enterprises, except so far as the same may be essential to educational ends, but rather that it should continually engage in scientific research and experimentation to the end that it may disseminate the latest scientific information upon the employment of the people. Complete preparation in the secondary schools must be exacted in order that the tone of its scholarship shall not suffer, and to make sure that its operations shall not be clogged by the presence of unprepared material. Aside from this it should extend a welcome and give greeting to both sexes and all classes, and it should train for manly and womanly character, for intellectual power and versatility, and for influence upon and success in the practical affairs of life."

The attitude of the President toward the students was con-

stantly made by him stimulating and encouraging. The united action of the students in all important measures to be advanced, the kindly and frank treatment of each other in their personal and class relations, and the hearty and loyal support of all university interests were immense factors in the control and enlargement of the institution. The adoption of "Orange and Blue" as the University colors by the general assembly of students within a month after the beginning of the administration was a step. Encouragement was given to athletics by the employment of coaches and University instructors in the department, and they were made more popular by attendance upon the games and exhibitions by the President. The grounds were beautified and made attractive by making open spaces for sward, the paving of walks and drives, the planting of a colony of squirrels upon the campus, and all touched up by a happy sentiment in having named the principal thoroughfare through the grounds, "Burrill Avenue". Social life for students and faculty was enlarged and made more potent for good by the erection of a President's house which was made the social center of University life. In a word all those things necessary in a community to promote the "humanities" were fostered and developed.

But the greatest hazard to an administration is discipline. The student disposition spasmodically to disregard order and law is a little akin to rebellion. The clannish habit of the lawful minded ones to support the offenders when they refuse to acknowledge their misdoings and accept the just lash of the law is the chief test of government in school and college. Erst-while popular administrations with the student body may in a day become odious and tyrannical. The practice which students follow of refusing to expose the unlawful deeds of a fellow student, has been a dreaded bunker in the course of all instructors of youth, from the primary teacher to the college president. Such an incident soon occurred in this administration. A class gathering was broken up by the men of another class, and in doing so a riot occurred in which was some fighting. Several were injured among whom was a young woman whose eyesight was greatly endangered. Prompt action was taken by the authorities and a few of the students who were bystanders called in to testify. On the plea that it would not be "honorable" they refused. The President promptly had a large banner prepared and placed along the front wall of the chapel

on which was printed in large letters this quotation, "There is nothing so kingly as kindness, and nothing more noble than truth." At the chapel meeting the talk by the President was a kindly but firmly worded statement of the necessity of society to protect itself against evil doers, and the authority which it possessed for its own perpetuity, to compel its members to testify against those who had offended its laws. Those who refused such testimony stood in opposition to the repression and punishment of crime, were aiding and abetting criminals, and therefore rightly subject to punishment because of such expression of contempt of justice, and of the court whose duty it was to administer it. The student who refused to aid the authorities in the discovery and punishment of infractions of the rules when they were possessed of knowledge enabling them to do so, were themselves subject to discipline because of contempt of authority equally as severe as those who were open offenders. The expressions of President Draper created a panic among the participants in the rumpus. The stand of the administration was discussed in the clubs, class meetings, and student gatherings. The action was taken up by the public press and school journals, and the universal judgment was that it was good law and was bound to produce better order and make college administration safer, and easier, and better for all concerned. Students reluctantly testified, the guilty were punished, a higher standard of conduct was raised among the students, and a more accurate knowledge prevailed of what constitutes "honor" among college men. Personally President Draper's action gave him the highest esteem of the whole body of students, and that esteem was continued through the years of his incumbency. The enforcement of authority has been made easier down to the present time, because of this successful stand, and when the office of Dean of Undergraduates was established and the duty of upholding authority placed in the Dean's hands, he too succeeded to years of popularity with the students.

President Draper early gave approval to the contention of many friends of the University that while the University was organized primarily to educate those persons preparing themselves for industrial vocations it was not doing its whole duty so long as it confined its endeavors within those limits. To extend instruction into the old professions would give to the University increased honor and influence and benefit classes of people who

were as deserving of the state's beneficence as others. To this end conferences were early held with the trustees and faculties as to the best means of beginning departments of law, medicine, and teaching. The result of this activity within a few years was the organization of a College of Law, acquiring the Chicago school of Pharmacy, the taking over of the College of Physicians and Surgeons of Chicago as a college of medicine, first by affiliation and afterwards by purchase, the absorption of a well grounded school of Library Science and making it a school in the University, the organization of a school of pedagogy, and the purchase and affiliation of a college of dentistry located in the City of Chicago. These measures took time, patience, and wisdom, and the constant exhibition of tireless energy on the part of the President.

During the same period there were innumerable enlargements in the usual curricula of the University. Courses of study were added covering many new activities and all the old ones were strengthened. The agricultural college was reorganized, the experiment station enlarged and broadened, additional instructors and investigators employed, until the administration of that college alone equalled that of the whole University a decade before. So with the engineering college; it was enlarged in every line and strengthened by many accessions to its teaching force, and by an ample supply of apparatus and other facilities for instruction. The engineering experiment station was established and provided with equipment and capable men. The sciences and the languages advanced no less, though the lack of exterior manifestation made the work and increase less noticeable. The faculty organization with its methods of operation, expression, and control, was planned for effective work and its several arms so articulated as to make a strong working machine. The statutes were revised and the functions of the several faculties, committees, and department heads so separated as to make each independent of the others, and so co-ordinated that no responsibility was evaded, or divided, or lost. A gradual and rapid increase in the number of capable and efficient men in the instructional force was made necessary by the expansion of all departments; and no less important and gratifying was the advancement made by those members of the faculty who had been for years in the employ of the University, in ability to plan, perfect, and make practical the enlargement of their several departments.

There has been made for many years a gradual advancement in the requirements for admission to the University. As early as 1890 the trustees passed a resolution to dispense with the preparatory department "as soon as adequate provision for doing its work is made by some public or private institution located in the vicinity of the University". It would have been done outright had not appeals from different parts of the state shown that a real hardship would operate against many boys and girls should the provision for preparation be removed from the University. However, the advance in requirements of admission was natural because of the higher grade of offerings constantly being added to the curriculum. The whole University influence during the decade of President Draper's incumbency was toward the elevation and higher grading of the high schools of the State, and the stimulation of interest in and the increase in attendance upon the high school. The articulation of the work of the high schools with the work of the University was mutually beneficial to both schools and University. The familiarity of the President with the work of the public schools throughout his native state and others made this work more easily accomplished.

The increase in the attendance at the University was marvelous during the decade we are considering. The additions of new courses, the increase in the instructional force, the enlargement of the libraries and laboratories, the better means of making and registering investigations and experiments, the increase in the number of highly qualified and renowned teachers, the beautifying of the surroundings, the improving of student environment, all aided in increasing the attendance. The professional schools and colleges whose connection with the University stimulated their individual attendance united to increase the total by a large per cent. The annual increase at the seat of the University during the ten years from 1894 to 1904 was something near fourteen per cent over the preceding year even though several years of the period were years of financial stringency of considerable severity. The attendance at Urbana increased from 750 in 1893-1894 to 3100 in 1903, and there were during the latter year about 900 in the Chicago departments. This marvelous increase was not shared by the University of Illinois alone, but all the colleges and universities of the country enjoyed very unusual prosperity. So the increase appeared to be from a combi-

nation of circumstances among which was a great revival of higher education in the state and land. But it should be marked that no other State University made such a per cent of increase during this period as that made at Illinois.

During this decade there was a very great increase in the amount of appropriations made by the State for the support of the University. This fact in a large measure accounts for the immense general advance made in all the departments culminating in an enlargement of the whole University. For the biennium commencing July 1, 1895, the appropriation for the general current expense was \$180,000 and for the following two-year periods respectively, \$220,000; \$270,000; \$350,000; and \$500,000; making a total in ten years of 1,520,000 dollars. The increase in attendance and enlargement of facilities for instruction and investigation justified the askings of the trustees and made necessary expenditure of this vast amount of money. The appropriations for buildings and improvement of grounds were correspondingly large, amounting in the ten years to the sum of \$835,000. From this money were erected the Library Hall, Astronomical Laboratory, Mechanical Engineering Shop, Electrical Laboratory, Agricultural Hall, Men's Gymnasium, Wood Working Shop, Testing and Hydraulic Laboratory, Chemical Laboratory, and Woman's Building. The President's House was erected from a separate fund.

The expenditure of the funds of the University was more perplexing than the trouble of securing them. The enlargement was so rapid, the calls for money so numerous, that it was a constant taxing care to the President and trustees to prevent extravagance and waste. It is a matter of pride that the University has not in all its history misspent, wasted, or misappropriated any of the funds which it has received.

Perhaps the event which occasioned the most serious concern on the part of the administration was the defalcation of the treasurer, Charles W. Spaulding, in February, 1897. All the cash balances of the several funds were involved. All the appropriations had been collected from the State treasurer to the end of the year, and there were no means available which could be applied to salaries and other expenses. Nor was there any means of obtaining credit, for the statute forbade the making of indebtedness. Fortunately the legislature was in session and official notice was brought to the attention of that body. An in-

investigating committee was appointed by the Senate to ascertain the facts in the case, the amount of loss, and the possibility of regaining the funds from bondsmen or otherwise. The President of the University assisted in the investigations, framed the report of the Committee, and prepared a bill appropriating amounts to cover all losses, and obliging the State to assume the interest on the endowment funds of the University. This was passed with an emergency clause, and the University was enabled to continue its operations without a break.

In the growth of the University, it proved to be a great problem how to adjust the salaries of the instructional force and to distribute the honors of official place. To employ new men of renown it was necessary to offer a large salary; and to give a larger compensation for the services of a new man than could be given to the men of the same grade who had been with the University through the burden and heat of the early period was manifestly unjust. To obtain men of large experience from older institutions without a large salary was almost impossible. The environments at Urbana were not so inviting as the seats of other institutions; the atmosphere about the University lacked educational ozone; the libraries were not adequate to uses in investigation; and the University had not yet reached the prominence which could command the services of the profound scholar or investigator who had already made himself famous. In this strait the policy was followed of securing the services of the brightest and strongest young men in the educational field who gave promise of a great future but who till then had not the time to win fame, to enter the service of the University and have a part in building up its name as he made sure his own honorable career. This method succeeded, and the salaries and honors were so adjusted that no great resistance was experienced to the execution of that fortunate policy.

President Draper had a wholesome regard for hard work and hard workers. To participate in the musical concerts and society plays, to play golf or tennis by a number of the instructional force was commendable, if thereby necessary recreation from past labors could be obtained, or preparation for the duties of the coming day; but habitually to use these to fill in unoccupied time was an indication of an early vacancy. The President kept his own time occupied and was happy in it all. He was a prodigious reader and writer when not pressed with necessary

executive duties. Walking and driving about the grounds and farms of the University were his chief means of recreation.

The faculty alone numbered a hundred and more, and, during this administration, thought and social activity became more confined to the University center. Members located close to the campus, built themselves homes, and there was created a true University Community.

President Draper early appreciated the power and usefulness of the Alumni to promote the University's great interests. He was successful in enlisting the alumni individually in advancing the University and in their several organizations in the State and nation.

The influence of the many sectarian colleges in the state which had early and often been turned against the State University was in a large measure won to the institution by the open and frank stand taken by President Draper in papers and addresses in which he took occasion to discuss their relations. In the great field of education in Illinois all of these Colleges and the State's big school were needed to do the work which should be done. The opposition gradually died away.

Another serious menace to the University's power to do good was an unverified claim often made in secular papers that there was little religious spirit in the University and that its atmosphere was charged with agnosticism, infidelity and atheism. President Draper early began the placing of facts before the people of the State showing that the charges so made were unfounded. Statistics showing the results of the activities of the Young Men's and the Young Women's Christian Associations refuted these charges. Greater efforts were made by the several church denominations to organize their adherents, and associate them with the local churches. And near the end of the administration the per cent of men and women who were parties to the great Student Volunteer Movement for Christian Missions was shown to be greater than in any other State institution.

On April 6, 1902, while President and Mrs. Draper were driving in the University grounds they were thrown from their carriage. The injury sustained by President Draper resulted in a permanent disability in the loss of a foot. This reduced his physical activity, and he could not so fully thereafter personally

and directly superintend the affairs of the University as was his custom. This unhappy accident was deplored by all.

His relations with the board members were of the heartiest and kindest sort. In all the labor performed for the University he was of his own the most exacting. No complaint was made of hardships, no indication from him that he was an exceedingly valuable factor in the University's usefulness and growth; and during all the prosperity attending the institution, the increase in colleges, buildings, and appropriations, and the unusual and lavish increase in salaries of the faculties, no increase of his own salary was ever mentioned or hinted.

President Draper was profoundly impressed with the importance of the acts of great men, and he was loyal to the names of the great men whom the State of Illinois had produced. I remember a conversation concerning the Lincoln ox-yoke which was on exhibition in the University library in which he said that his esteem for Abraham Lincoln was so great that on the day when riding on a railroad train he first crossed the state line into Illinois, he felt inclined to rise from his seat, raise his hat, and bow his head a moment in honor of the great statesman Illinois had given to the nation. To honor the name of a man of honor is to gather to one's self some of that which inspired him and made him great.

Dr. Draper is a man of strong mentality. He is not brilliant, but broad, deep, and conservative. He has large powers of leadership, and is wise in judgment, clear minded, tactful, and persistent. He is honest and frank even perhaps to bluntness; likable, and pleasant even when disagreeable things must be said. He has a frankness of face that will win an enemy and charm a friend. He is faithful to his friends but resents quickly any disregard of his dignity, or authority. His organizing abilities are superior, and he has a ready sense of suggestion and initiative. He has a great faith that what ought to be can be made to be.

At the time of President Draper's resignation he gave no reason for doing so further than to say he could not refuse the call to duty in the service of his native state. Since then in a private letter to me he has given three reasons for doing so:

(1) "Because it seemed to me that it was well for the University to have a President of a more scholarly type than I have ever assumed to be.

(2) Because I had been physically injured. While all were kind to me about that, I could not escape the feeling that it would be better for the University to have a president who was without any physical disability, and as New York was urging me to come here, with full knowledge of my disability, I felt that I was justified in responding.

(3) Because my native State and the people and institutions among whom I had grown up wanted me to return, and assured me that I, more than any other, could render them a substantial service."

This review of the administration of President Draper is meant to be more than a simple recital of the facts concerning his administration; it is to remind us also that the University of Illinois has arrived at a period in its history when it must assume at once and quickly the high place in the educational activities of the State which it should fulfill, or to fail in that and continue its former movements "with painful steps and slow." That the University did, with President Draper at its head, within one decade reach such a position of prominence in the State and nation is a matter of felicitation to President Draper and all those connected with his administration, and of hearty congratulation to the great body of friends and patrons of the University of Illinois.

LINCOLN HALL

JAMES M. WHITE. '90, SUPERVISING ARCHITECT

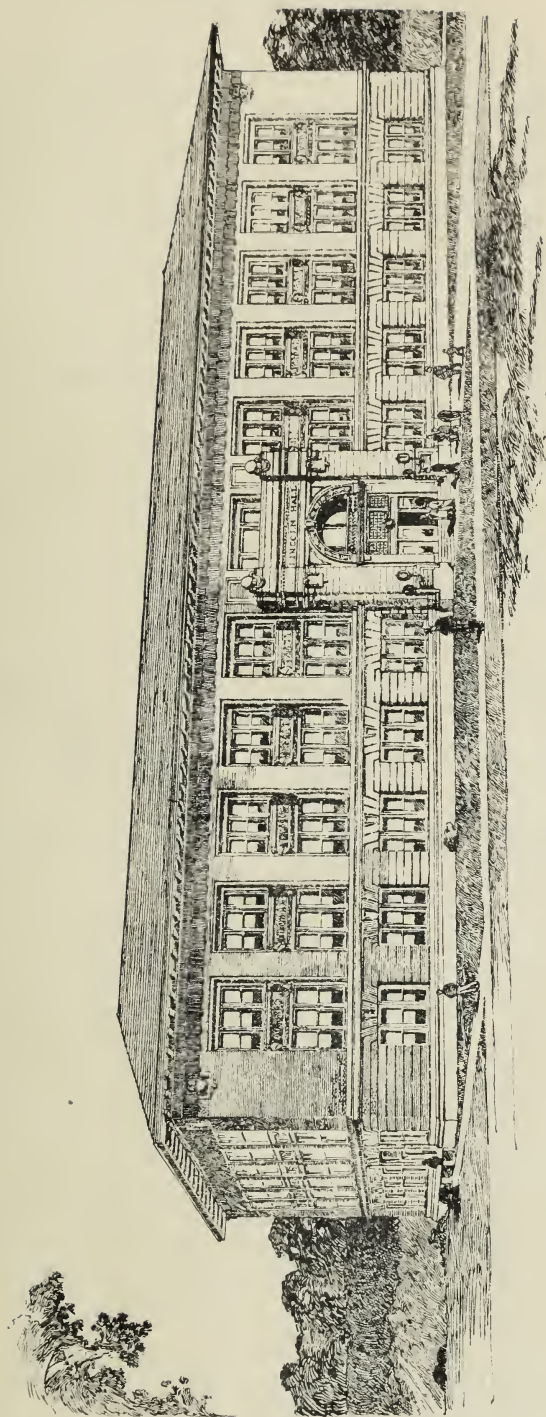
Last June Governor Deneen signed a bill appropriating \$250,000.00 for the construction and equipment of a building to give relief to the departments now housed in the old main building. Before beginning upon plans for the new building, it was necessary to decide on a location, which immediately raised the question—long under discussion—as to what the future plan of the campus is to be. In discussing the campus development, much has been said about the necessity of tearing down the present University Hall; and many people have the impression that the new building is to supplant the old main hall, but this is not at all the case, as we should have to erect a building of at least three times the size of the one contemplated, in order adequately to provide for all of the work now being done in the old building.

If we are to secure but one building from the Legislature, there will be no possibility within the next ten years of our being able to spare the old building; and those who feel that it should be preserved because of historic associations, need not worry about any possibility of its immediate destruction.

The only available location which was in accordance with the several campus plans already submitted was south of the Woman's Building; and the Trustees, at a meeting on November 26, 1909, decided upon this site for the new building.

The requirements of the building were prescribed by the members of the Faculty of the College of Literature and Arts, and the State Architect, Mr. W. C. Zimmerman, worked out a plan for the building, which is reproduced herewith. The building has a frontage of 230 feet, and it is expected ultimately to add to it on the west, so as to enclose a court. The location will leave a space of approximately 140 feet between Lincoln Hall and the Woman's Building, and the southeast corner will be approximately 114 feet from the Auditorium.

The plan published herewith is intended to provide accommodation for the advanced work in the Departments of English, Romance Languages, Germanic Languages, History, Economics, Political and Social Science, and Philosophy. The plan is rather distinctive because it is intended to provide for the ad-



LINCOLN HALL

vanced work only in these several departments; and each department will have seminary rooms and conference rooms, which will be provided with book stacks for the housing of the departmental libraries. More importance has been placed upon study rooms than upon class rooms. Whether this is a wise policy to be followed in the future may be questioned, but the present Library Building is so small that there was no opportunity for a discussion of the point at this time. We shall be forced to adopt the plan of departmental libraries until the time when a Library Building can be built providing book capacity for about a million volumes.

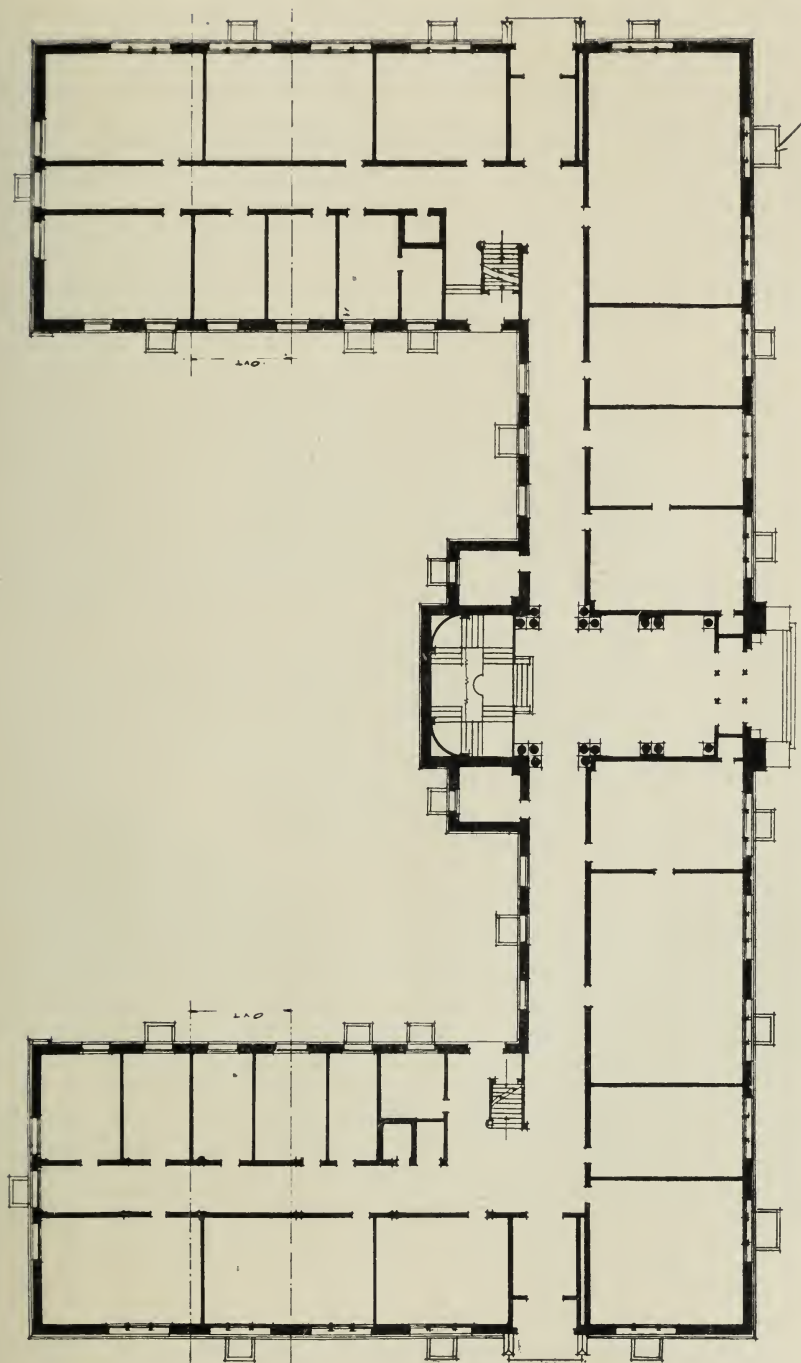
The name "Lincoln Hall" was chosen for the building because the appropriation was obtained during the centennial year of the birth of Abraham Lincoln; and the plan involves a handsome vestibule and entrance hall, which may very properly be planned and ornamented with reference to its being a Memorial Hall in honor of our great President.

The lines of the building are exceedingly simple, and the only elaboration is in connection with the entrance and the spandrels between the windows of the second and third stories, which are intended to be modelled to depict scenes in the life of Lincoln.

The building will be fireproof, with a hollow tile system of floor construction. The exterior walls will be constructed of Bedford stone, a light color, semi-glazed terra cotta, and brick laid in the same manner as in the Woman's and Physics Buildings. The cornice will be of copper; and the roof of slate. The interior finish will be of about the same standard as that set by the Physics Building, excepting only the Memorial Vestibule, already referred to, which will be elaborately finished in marble and ornamental plaster.

The bids received upon the plans and specifications exceeded the appropriation, and it was necessary to make some radical changes in the materials of construction and also to reduce the area of the plan by shortening the lengths of the wings by at least 18 feet. This will take out a section, which is indicated by the dotted lines on the first floor plan.

It will require more than a year to erect the building and a couple of months to equip it, so that there will be no chance for occupying the building until a year from next fall.



LINCOLN HALL—FIRST FLOOR PLAN

THE UNIVERSITY OF ILLINOIS AND ITS WOMEN STUDENTS

VIOLET JAYNE SCHMIDT

A prominent Illinois alumnus of the class of '73 tells a significant story about the admission of women to the University of Illinois. The University had started in 1868 with one building which served for dormitory, faculty rooms, and class rooms. Two years later, when the Board of Trustees were in session in the building to consider the admission of women, the boys got wind of it. "The room above was packed with eavesdroppers getting the news through the stovepipe hole in the floor—and when the verdict was announced, all were so overjoyed that nothing could restrain the applause. 'Che he che ha' rang out again and again, to the astonishment of the assembly below." The women of Illinois, it seems, were wanted from the beginning, and indeed always have been wanted.

This early welcome at Illinois is in marked contrast with the experience of women at the sister universities of Michigan and Wisconsin in the early days, as well as at certain Eastern institutions even up to the present time. The women were emphatically not wanted. A query naturally arises as to whether the added independence, initiative, and self-reliance which such adverse conditions encourage can perhaps neutralize the discomfort of belonging to a stigmatized group of women. At any rate the Illinois girls had neither the discomfort nor the encouragement above-mentioned. They took their place as a matter of course in the University and were given no fewer and no more privileges than were given to men.

Coeducation in those days was not popular, however, with parents who had daughters to educate. So for many years the number of women students was small. The great majority of them lived either in their own homes or in the homes of relatives or friends. It was not until 1895 that their number reached 183, and included a considerable group of women who were away from home and living in boarding houses. Then gradually arose the problem which has been a source of some perplexity up to the present time—that of properly housing the young women.



SCENES ON THE WOMEN'S PLAY GROUNDS

The first attempt to solve it was made by two groups of girls who had formed chapters of national sororities in 1895, and who in the following year decided to rent houses as homes for their members. At various intervals since, other groups have adopted the same plan, until at the present time eight women's sororities and three local groups of girls are managing their own houses, and thus providing a home for about 150 girls. Another solution of the problem was undertaken five years ago by the diocese of the Episcopal church. A house was rented and placed in charge of a deaconess, "for the purpose of providing a comfortable home for the girl students at the State University, with, as far as possible, motherly care." The plan was so successful that in 1909 the church erected a fine building in a beautiful situation opposite the campus, as a permanent home for girls, to be known as Osborne Hall. It provides for thirty girls, and has parlors and other accommodations ample for their social life. The Presbyterian church is at present endeavoring to raise money for a similar home; and other churches are becoming interested in a like plan. With the exception of Osborne Hall and the sorority houses, the University girls who are away from home live in the rooming houses approved by the Dean of Women. There are fifty-eight of these in the two towns, and they are all held to the requirement that no men students have rooms in them.

The University itself has been slow to make any provision for the life of the girls outside of the classroom, taking the view so widely followed from the lead of Michigan that it is not the function of a state university to provide for the outside life of the student. In 1893, after much solicitation from the girls, the authorities set aside a room in the Natural History building for their gymnastic exercises and appointed an instructor for that work. In the same year after similar solicitation, they set aside a room in University Hall where the girls might stay between classes that chanced to be an hour apart, or chat comfortably with each other after class hours without going home. This "ladies' parlor" was for eleven years an animated centre of the life of the girls. In 1897 the Board of Trustees created the position of Dean of Women and appointed a Dean. In 1899, in response to strong pressure from all parts of the state, they

created a Household Science department, and appointed a professor in charge. Finally in 1903 they secured from the legislature an appropriation of \$80,000, and later an additional appropriation of \$15,000, for a complete Woman's Building. This building is now the centre of the specifically women's interests of the University. In the central portion is a well equipped gymnasium and a swimming pool; in the right wing is the Household Science department with its well ordered kitchen, pantry, dining rooms, laboratories, sewing rooms, and offices; and in the left wing are the office of the Dean of Women, as well as large parlors and other rooms for the social life of the girls.

In respect to regulating the social life of students—a matter of perhaps greater concern to the women than to the men—the University authorities have for nearly twenty years maintained an attitude of aloofness. Only twice in that time have they been drawn from their conservatism far enough to lay down a regulation for student social life. These two regulations are, that “annuals or informals by any university organization may be held only on Friday or Saturday evenings,” and that “all meetings of societies and social gatherings held in university buildings must terminate not later than 11:30 p. m., with the exception of the annual senior ball, the junior promenade, the military ball, and the sopohomore cotillion, which must close not later than 2:00 a. m.” Further than that, they take the position that students should be able to work out their own social salvation.

Education for women in our American colleges has been criticized for being too far removed from the affairs of actual life to form any adequate preparation for the life after college; while many schools for girls that aim to give practical training in the things women will do afterward are generally discredited in the eyes of the college bred because they do not give the mental discipline and grasp of principles that a college training provides. The curriculum of the University of Illinois represents the best from both of these types. It feels bound to keep in touch with the life of the people of the state, but on the other hand is unwilling to lower the intellectual value of the degree it confers upon its graduates. Mr. Edwin E. Slosson points out in his recent article on the University of Illinois that “women's

colleges are still forcing on their students a masculine education, one taken over bodily from the men's colleges some time ago;" while "coeducational universities give a much more differentiated education, one adapted to the different spheres which are assigned to men and women in after life by our civilization." The Household Science department of the University is the chief case in point. In its fine quarters in the Woman's Building, it gives instruction not only in the principles of cooking and dressmaking, but also in house planning, house furnishing, sanitation, and interior decoration. It has also, across the street, an experimental house, which is put into the hands of each successive class to make over. They have to plan "its arrangement, sanitation, furnishing, color scheme, and equipment for housekeeping, with regard to expense, convenience, durability, and artistic fitness." In other respects, the curriculum of the University makes generous provision for the so-called "general education" suited to the lives that the majority of women will lead after leaving college. The young woman who has talent in art or music may pursue these under competent instructors along with her other university work. And a great wealth of courses is offered in history, social science, natural science, philosophy, and literature, suited to give the general intellectual culture that will liberalize the homes into which these young women come.

In addition, however, to this provision for the average woman which every state university should make, there is wide opportunity for the young woman of exceptional ability, especially since the establishment of the graduate school on a new basis. Recently a young woman was one of four candidates for the doctor's degree in one of the modern language departments, and outstripped all her male competitors in the grasp and scholarship of her work. She was shortly afterward offered a position on the faculty of Smith College—a position which she still occupies. Last year a young woman did such exceptional work in connection with her master's thesis in psychology that she was immediately offered an instructorship at Vassar. In classroom work, the women students at Illinois more than hold their own with the men and they are overwhelmingly the majority among those eligible for the honor of Phi Beta Kappa. It is safe to say that both in the education that fits for the duties of the average woman and in that which leads to distinction in special lines of

research, the women of Illinois have greater opportunities than those found in any woman's college in this country.

And now are their social opportunities also superior to those of the woman's college? One still occasionally meets with people who suppose there is some mysterious efficiency in "learning"—in a college degree—to make the student over into an accomplished and finished person. But since we occasionally see young men returning from abroad with their doctor's degrees who eat with their knives, and who have so little in common with the people they meet as to be unable to carry on ordinary human intercourse with ease;—since, too, we have seen young women attain considerable proficiency in Latin and mathematics, whose manners with their men friends are about on a par with those of Tommy Atkins and his sweetheart, it is evident that a considerable degree of intellectual culture can go with social crudeness, awkwardness, and even vulgarity.

Let us look at the conditions of student social life at Illinois. The 650 girls at present at the University are scattered over Champaign and Urbana chiefly within a radius of six or seven blocks from the campus. One hundred and fifty of them are in sorority houses in groups of from six to twenty-five. Thirty are in Osborne Hall; 200 are in their own homes or in those of relatives; and 250 are in rooming places in which the number of roomers varies from one to fifteen. The social training that comes from merely living together is of course greater in the sorority groups than in the others, because they are obliged, for the sake of the organization, to stay together and "get on" together whether they are entirely congenial or not; and they learn in a small way something of the compromises and tactfulness necessary for any social cooperation. Then, too, being in a home of their own, they often entertain; and the older girls of the group develop a sense of responsibility that tends to make them more careful in matters of conduct. In Osborne Hall, also, the girls have a social training from living together and entertaining together, under the kindly direction of the Head of the House, though they will naturally not learn so much of the management of social relations as in the case of the sorority groups, since there is no self-government there. The 200 young women who live at home probably derive the least social culture of any group, from their connection with the University, for the obvious reason that a consid-

erable part of their time and interest will be taken up in their home relations, and for the further reason that they are not thrown upon the society of other students for companionship, as are those who are away from home. Except for the few who are asked to join sororities, they do not take a prominent part in college activities.

There remains the largest group, and the one most typical of student life at Illinois, the 250 girls who "room and board." Of these a small number—about fifty during the past year—are invited to join one or other of the three Women's Literary societies, whose membership is as much a closed circle as is that of sororities and includes a considerable number of sorority girls. They have furnished rooms in one of the University buildings, where they not only hold their regular meetings, but entertain the members of the men's literary societies, and occasionally give plays and other forms of entertainment. The rest of this large group find their opportunities for social training in meeting students of all kinds at the boarding tables and in the rooming houses, and in cooperation to some extent in the occasional social entertainments of the Young Women's Christian Association or of the Woman's League, or perhaps of the German or French clubs. If they become acquainted with men students, they will probably go to cadet hops, and occasional club dances. Such mingling of students is practice in adjusting oneself to one's fellow creatures; but it is lacking, for one thing, in the necessity of team work. And, what social discipline is comparable to team work in its preparation for the affairs of after life, from clubs and philanthropic enterprises to marriage and the family itself? These girls move along through the shifting experiences of the college course, often living in a different place each year and perhaps boarding in two or three different places during the same time, making perhaps two or three intimate friendships and joining in this or that isolated social affair. But they develop no sense of group responsibility and have neither the care nor the joy of bearing a part in a group experience. It is not true—as newspapers and some very conventional people would occasionally have us believe—that this independent life of the girls is productive of any more scandals in the matter of conduct than is the life of any other body of women of the same size elsewhere. But

from the standpoint of social training, this situation of independence lacks most of the elements of social pressure necessary to mould a crude and unformed personality into a creature of some social poise. The girl who has already had eighteen years of careful training in a cultured home will of course retain her good manners at the University; but the girl who comes to college without such training and finds herself in this group of two hundred and fifty may have as many angularities of character and manner at the close of her course as at the beginning.

There is another reason why it is possible for Illinois girls to miss this social development. The conditions of student life keep them almost entirely away from the social influence of the more experienced and cultured people around them. The professors are not responsible for the social life of the members of their classes, and rarely come to know them except as pupils in the classroom. Probably not ten per cent. of the professors ever interest themselves actively in the social affairs of students. The wives of the faculty seldom come to know even a small part of the University girls unless they have daughters in the University. The cultured families of Champaign and Urbana never invite them to their homes, except in the very few cases where the girls are friends of their children. The women on the faculty, who number fourteen above the rank of assistant, aim to live apart from students in order to have the quiet necessary to carry on their University work. A few of them are interested in the social life of the girls; but their regular duties do not leave them the time actively to influence any considerable number. The only person in the University community whose business it is to be interested in the social life of the women students is the Dean of Women. And when her charge consists of 650 women who live in a hundred different places over the two cities, and a quarter of whom change every year, it is plain that the influence that comes from personal contact must in her case be slight. Her work must be done largely through the leaders or representative girls of the various groups, which means that only a small minority come to know her well.

Outside of the University circle, there is one condition that would seem to bring the influence of older persons to bear, at least upon the 150 girls who live in their own houses. Each house must from the necessity of the case have a chaperon. She is

usually a lady of social experience and attractiveness. But much of the influence she might exert is neutralized by the conditions of her being there. She is selected and engaged by the girls themselves and remains at their pleasure. There is a definite though tacit understanding that she is to live with them but not to direct them. If she cares at all to remain with them on a pleasant footing, she will refrain from making suggestions until they are asked. In the exceptional case where the chaperon is an older member of the sorority, or a mother or older sister of one of the girls, the relations between her and the girls may be closer and more fruitful of good.

Under these circumstances, the majority of girls go through the University with little more than a glimpse of the social ideals or standards of cultured men and women. The whole code of manners and customs—so far as such a code exists—is student-made—or rather is a growth into which very little has entered but the habits and ideas of the hundreds of students who have passed through the University.

It is a matter of comment on the part of those who come to the University from institutions of a different type that there is among these 600 Illinois girls, no feeling of unity or solidarity. There is no occasion upon which they all get together and sing college songs, or take part with enthusiasm in anything as a body, as is the case in the woman's college. There is a Woman's League of which each girl is a member by virtue of her registration in the University, and whose object is the promotion of a spirit of friendliness and unity among the college women. But there is never more than a handful at its meetings, and even its social affairs, which are often cleverly arranged, bring out only a small proportion of the girls. The League has existed for twelve years, and has always included a few strong girls who felt keenly that many student conditions needed to be improved, and who have wanted to see the League develop into something approaching a self government association such as has been successful in controlling social conditions in other institutions. But the great majority have always remained unaware of their power, and indifferent to any plan of reform. In the absence of this feeling of solidarity, Illinois college women have little training in matters of organization on any but the small scale of the sorority group, the Young Women's Christian Association being the

only exception. So they go out from college unprepared for leadership in any of the various enterprises, philanthropic, educational, and social, in which educated women nowadays exert a strong influence, and in which the graduates of the women's colleges of the East outrank all others.

Doubtless the fundamental reason for this lack of solidarity and of opportunities for leadership is the fact of coeducation itself. The girls are only a small part of the University; and they cannot feel the same enthusiasm over their own athletic teams and exclusively feminine social affairs that they can over the Varsity football games and the mixed parties for men and women. They are overshadowed by the masculine element in the University life. In the numerous organizations in which both men and women join, a woman may be a vice president or a secretary, almost never a president. She may be on the staff of the college paper or the college annual, never the editor. As to class politics, her influence is so small that she rarely makes the payment of class dues, that entitles her to vote; so it has become customary for the masculine candidate who needs her vote to pay her class dues, and even to send an automobile for her—if she will consent to vote for him! One wonders if this is the way woman's suffrage is going to work!

But it is in the supposedly woman's province of social functions that the masculine element most noticeably predominates, and has always done so. This seems to happen in a natural enough way. Young women who like to be invited to parties (and what normal young woman does not?) hold such invitations from their men friends so dear that they cannot bring themselves to insist upon any regulation of social affairs that would give offense to the men and thus lessen the attentions they receive. And what is the attitude of these men friends toward the conduct of their social life? However serious a young man may be in his pursuit of engineering or chemistry, in the matter of his social life and his girl friends, he is, to use his own words, "in for a good time." Within what limitations he can have a good time depends upon his bringing up. Many of the men at Illinois come from families where little stress has been laid on matters of etiquette or upon the social usages of polite society. To most of them a chaperon is a nuisance difficult to justify, though demanded at parties by the public sentiment at the University. More-

over, if they choose (as many of them do) to dance out half a program of twenty dances with the same lady, that is their own affair. In any case, they are going to have a good time in the way they like; and if they invite ladies to go to their parties, the ladies must acquiesce in their arrangements. And the ladies do. The sororities whose members make up the greater number of the girls who attend the various student parties vie with each other in the number of invitations each group receives. It is a mark of success to be popular. Indeed it is customary not to decide on asking any new girl into their membership until she has been found capable of bearing a satisfactory part in the society of their young men friends.

Mr. Slosson, whose visit to the University resulted in the article above mentioned took only a few days to discover this trend. He observes:—"It is a curious fact that the effect of coeducation is not to masculinize the young women, as was at first supposed, but rather the opposite. There is a noticeable tendency to exaggerate what are held to be feminine qualities. Many of the girls overdress. They wear too big hats and too fine clothes to school, and affect a dependent and admiring attitude toward the opposite sex."

On the other hand the tendency of the life of the older women's colleges is to give independence and self reliance. If we may suppose two women of equal natural endowment and home training coming into a community at the same time, the one educated in a self-governed woman's college like Vassar, for instance, and the other at the University of Illinois, there can be little doubt which one will exert the stronger influence. The former has lived for four years in a unified community of a thousand young women who manage their own college periodicals and clubs, their own class politics, college athletics, and debating teams, and who insist upon their own social standards at the social functions to which they invite their gentleman friends—standards which are handed down from upper classmen to lower classmen, and conform to the conventions of polite society everywhere. She has seen what women can do, and has found out what she can do. She has been obliged, also, to live at close range with a large group of others of different temperament and ability and has preforce had some of the angles rubbed off. On the other hand the state university woman has not learned her power in college,

she has seen only the social usages of a provincial community; and she has not, as a rule, had the training of a self-governed group life.

The strength of the University of Illinois for her women students lies in the fine opportunities her classes offer for the intellectual training of the individual girl. Her weakness lies in the fact that coeducation keeps the women constantly in a subordinate role in which they fail to develop initiative and independence, and in the further fact that her student life is so cut off from the wholesome influence of more experienced and cultured men and women, and so little guided by University authority that student manners and customs still retain many crudities and provincialisms.

SOME ENGINEERS OF ILLINOIS

S. T. HENRY, '04.

The value of a system of training men can be measured best by observing their work over a long period. When the character of the training, like that of the College of Engineering of the University of Illinois, is designed to fit men for professional careers, the observation must be extended over two or three decades. Even then the natural ability of the individual has so much to do with the results obtained that the conclusions to be drawn can be only general. On the other hand these conclusions are so convincing that it is more than interesting to consider the results on which they are based.

The following brief outline of the careers of a few graduates of the College of Engineering may convey some idea of the benefits these men received from the training they obtained at Illinois. One man has been selected from each of the four departments in existence a sufficient length of time to permit their graduates to have developed fully. It is impracticable and unnecessary here to go into details. The work of numerous other Illinois engineers might be reviewed to show even more conclusively the broad scope of endeavor of the alumni of our College of Engineering. Their achievements certainly are a remarkable tribute to the University, and to a higher professional training in general.

LINCOLN BUSH.

Lincoln Bush, civil engineering, '88, has a wide reputation as an engineer of peculiar executive ability and as a constructor of much originality. His being born and reared on a farm in northern Illinois on which he worked during his boyhood gave him an excellent physique and constitution, that have served him well through years of strenuous activity. His training in Cook County Normal school, and afterwards as a teacher, brought him to the University better prepared than most freshmen. They also were of much assistance to him in college and during his whole career. The fact that he was obliged to work his way to a large extent enabled him to secure a broad perspective of University affairs. These factors, coupled with his natural ability and much persistent, conscientious work, made him a leader in his class. He was never a spectacular student, but rather a hard, constant plugger who fought things to a conclusion through whatever arose. He left the University with a reputation for accomplishing results as much by careful, thoughtful, continued effort as by his natural talent and ability. This reputation has been strengthened by the career he has made. Indeed, it is characteristic of Illinois engineers that learning to work is one of the fundamentals of the training they receive.

When Lincoln Bush left college, at the age of twenty-seven, young engineers were by no means in demand. Finally he landed a position as an assistant engineer on the Union Pacific Railroad, and for about two years was with that company and the Pacific Shortline Railroad. Here he obtained field experience that proved of much value later in his great work. He left the latter company to become an assistant engineer with that grand old man of engineering, Dr. E. L. Corthell, with whom he remained two years. This connection with Dr. Corthell gave Mr. Bush his first definite impressions of the broader aspect of engineering and construction. It showed him that true engineering is the handling of affairs and men as much as it is the calculation and development of details.

Mr. Bush left Dr. Corthell to become chief draftsman of the Western office of the Pittsburg Bridge Company, a position in which he obtained most valuable experience during the four years he occupied it. From that work he went to the Chicago & Northwestern Railway in 1896, as assistant bridge engineer,

at a time when that great system was replacing many old bridges with modern structures. His work here was of such character that when a temporary vacancy occurred he was made acting engineer of the Iowa division. Shortly after that, in 1899, he was appointed bridge engineer of the Delaware, Lackawanna & Western Railroad.

When Mr. Bush went with the Lackawanna, it was so badly run down, physically and financially, as to be almost the joke of the eastern railroad situation. When he left it, nine and one-half years later, as chief engineer, it had become one of the best built, best equipped, and best managed roads in the country, its stock being held at remarkable prices. While he was by no means alone responsible for the change, he was one of a very few who brought it about. Here his University training, his early experience, his natural ability, and his hard, constant work found ample opportunity to be asserted. Indeed, they were tested to the extreme in some cases by the wide scope and character of the numerous great problems to be solved.

In 1900 he was appointed principal assistant engineer and in 1903 he became chief engineer of the system. Up to 1903 his work was largely in the replacement of structures over the entire line and in detail reconstruction. The first of the problems of great moment he encountered was the lowering and moving of a 1000-ton drawbridge over the Passaic River at Newark, N. J. The safe and certain manner in which this problem was solved by means of sand jacks brought well deserved commendation to Mr. Bush from many sources, since he practically discovered the method employed, although it probably was used in building the pyramids in Egypt.

During his six years as chief engineer of the Lackawanna Railroad the great features in the reconstruction of the system were carried to completion. The magnitude of this work, which was done according to the very best known methods, is difficult to appreciate. So much so, an outline of it probably would convey little idea of the problems involved or of the manner in which the complicated situations presented were met.

The reconstruction of the freight and passenger terminal of the company at Hoboken was one of the most remarkable of any of the different projects. The feature of this work which has added most to Mr. Bush's reputation as an engineer is an entirely new type of low train shed he adopted for the passenger station.

This "Bush Shed", as it is now known, appears to be destined to be used exclusively in place of the long, high structures formerly employed.

When Lincoln Bush resigned, on January 1, 1909, as chief engineer of the Lackawanna to start into private practice in New York City, his work might be compared to the schedule of an athletic team: his preliminary games were played,—the championship series lay ahead. Since then he has been retained as a consulting engineer by various large construction companies. Included in these, is the Bradley-Gaffney-Stiers Company, one of the largest constructing organizations in existence. In his connection with this company he prepared plans for the extensions to the subway system of New York City, which that company has made propositions to finance and build. He has also been retained at various times by different railroad companies to pass on large construction projects. In spite of his accomplishments, his big work truly seems to lie ahead.

That Lincoln Bush's thoroughly American democracy developed largely at Illinois is apparent to those who know him. In college and in his work he has commanded the respect of all his associates,—his superiors as well as his men. In his unostentatious home life he is as democratic as in his business affairs.

FRANK HENRY CLARK

Frank H. Clark, mechanical engineer, '90, occupies a notably high position in the mechanical engineering profession. This is indicated to some extent by the facts that he is president of the American Railway Master Car Builders' Association; is one of the most active members of the American Railway Master Mechanics' Association, and has been president of the Western Railway Club. As general superintendent of the motive power of the Chicago, Burlington & Quincy Railroad System he also is recognized as a man of unusual fitness for his work. To the layman there is so little of the spectacular in the day's work of a railroad mechanical engineer that an outline of the affairs which have brought Frank Clark to his enviable standing might appear prosaic. To one familiar with the conditions; however, the ability to keep the motive power and rolling stock of a great railroad system moving safely and economically at the terrific speeds of modern schedules, involves something far greater than the spectacular.

Frank Clark came to the University from a country town high school quite unprepared to enter college, the same as many other boys have done. Consequently he was required to enter the University Academy for a time before taking up his regular work. During his college career he was known most favorably by those who were fortunate enough to be thrown with him. He never attempted to advance his own interests, but it is rather significant to note he was president of his class in his senior year, and a captain of the military department, which was then about one-tenth of its present size. Those who knew him casually in college probably feel he has done remarkably well; those who knew him personally see for him no limitations except those of his profession.

For a few months after leaving college he was engaged in electrical construction with Mr. W. L. Abbott, '84, when work of that character was in its inception. For four years following that he was with Mr. David L. Barnes, a consulting engineer who designed railway rolling stock of all kinds, supervised its construction, and made reports on equipment in service. This was before most railroad systems had developed departments of mechanical engineering equipped to handle work of such nature. During these four years he had an excellent opportunity to obtain a wonderfully varied experience, which helped him greatly in the work he has done since.

Mr. Clark entered the employ of the Chicago, Burlington & Quincy Railroad in 1894 as chief draftsman of the mechanical engineering department, and since then has been continually in that department. Until 1899 he remained as chief draftsman of the department, which was expanding rapidly when he became connected with it. For three years following that he was mechanical engineer, then superintendent of motive power, and finally was appointed to his present position in May, 1905. Mention of even the general features of the work that he has done in those sixteen years of railroading would read as a paper for a technical society. It is sufficient to call attention to the fact that the character and condition of the rolling stock of the Burlington rank among the best results that have been attained. The details that must be developed to a high state of perfection to secure these results with the highly varied mechanical equipment involved cannot be appreciated by one unfamiliar with

them. A resume of the work Frank Clark has been asked to do in the national associations of engineers engaged in railroad mechanical work may tend to show the respect for his ability held by men capable of judging.

The Master Car Builders' Association is a legislative as well as a technical organization, since it has to do with the rules governing the interchange of cars and equipment adopted by all of the great railroad systems of the country, in addition to developing standard designs of equipment. The work of the association is done almost entirely by committees, which give much careful, continuous study to the problems assigned to them. From 1902 until the time he was made president of the association, in 1909, Frank Clark was a member of two or more of these committees. Several of the latter made final reports during his membership, and these reports are accepted as standard practice on all of the great American railroad systems. In 1907-08 Mr. Clark also was a member of the executive committee of the association, and in 1908-09 he was its first vice-president.

In the American Railway Master Mechanics' Association he has been equally active. The work of this association also is done by committees, of two or more, of which he has been a member since 1902. For four years he was on the executive committee appointed to revise the constitution and by-laws of the organization. He also has been chairman of several of the committees. In this connection his most important work was as chairman of a section appointed by the association to serve on the advisory commission of the Pennsylvania Railroad, when that company made an extended series of locomotive tests of most thorough character. These tests were started in 1903 and continued through the Louisiana Purchase Exposition at St. Louis until 1905. The results derived are a classical addition to the knowledge of railroad mechanical engineering.

Mr. Clark's reputation as a railroad mechanical engineer is not confined, by any means, to this country. He has been asked to present a paper on "Round House Practice, or the Handling of Locomotives at Terminals to Secure Continuous Operation" before the joint meeting of the American Society of Mechanical Engineers and the Institute of Mechanical Engineers in London next July. He also will be a representative of the American Railway Master Car Builders' Association at an inter-

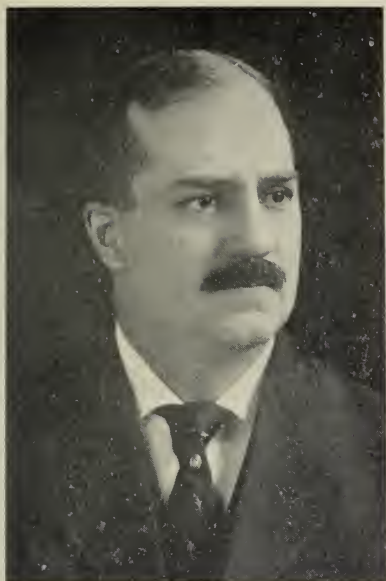
national railroad congress in Berne, Switzerland, during the summer.

With the mass of details to which the superintendent of motive power of a great railroad system must give his attention, it is difficult to see where Frank Clark has found time to devote so much to work in various technical organizations of which he is a member. But in addition to these organizations, he also takes an active part in a number of social clubs and in the affairs of the Illinois alumni organization in Chicago, having been president of the old association in 1908-09. The reason he is able to secure such results is largely the fact that he works with wonderful efficiency and is able to judge quickly the essentials of a situation. Indeed his ability to weigh evidence is so remarkably pronounced that he unquestionably would have ranked high as a jurist, had he turned to the law instead of to engineering as a profession. Be that as it may, he certainly has not approached the zenith of his career in the work in which he already is recognized as an authority.

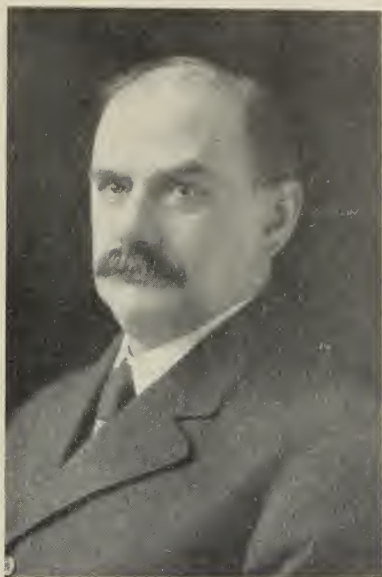
CLARENCE HOWARD BLACKALL

Clarence Howard Blackall is recognized in this country as one of the leading designers of public and commercial buildings of various types. This reputation has come to him largely by the development of remarkable natural talent, sound preparation, broad experience, and constant, active work over a long period. During his professional career he has designed about one hundred theatres and public halls, a number of which are known very widely as examples of modern architecture of the better sort. Since such structures speak rather loudly and count for a good deal, he sometimes unfortunately is mentioned as a theatre architect. This term he repudiates absolutely, because the bulk of his business has been public and commercial work. In fact, his belief that few men can be good architects if their professional activity is confined to a single, or even to several classes of structures, has led him to avoid specialization of any kind.

As the son of a man of limited means, he received a fairly good early education, that was supplemented by night work in a business college in Chicago. That this early education was interrupted is evidenced from the fact that he was obliged to start working at the age of thirteen in a printing office, where



FRANK H. CLARK



WILLIAM L. ABBOTT



CLARENCE H. BLACKALL



LINCOLN BUSH

SUCCESSFUL ILLINOIS ENGINEERS

he learned to set type. Later he worked in the office of the tax commissioner of the City of Chicago, drawing maps and doing similar work. Both of these experiences were of considerable value to him in after years. He was unable to attend high school, but prepared himself for college so that he could enter the University and graduated with the class of '77 with the degree of Bachelor of Science. His first year in the University was as a student in the department of agriculture, in which he remained a year. As he found he had no inclinations to farming, he decided to change to architecture at the end of the year, and finished in that department. He already had excellent practice in freehand drawing, lettering, rendering in color, and wash, and in map drawing for illustrated lectures, so that he was a competent and neat draftsman. Prof. N. C. Ricker, who at that time taught all the classes in the department, and some others, says that Mr. Blackall was an excellent student in his professional studies. But students of the department then were required to take a year of calculus, which young Blackall found to be a very high fence, over which he scrambled only after several trials.

After graduating in 1877 Mr. Blackall worked for about one and one-half years in various offices in Chicago. At that time practicing architects and engineers regarded college graduates as "horned cattle" which were dangerous until they were dehorned. He surprised the other draftsmen in the office, however, by being able to stretch drawing paper and then to wash and render a finished drawing. His training at the University also rendered him able to mix with other men much more readily than the other young fellows in the office who had not been so favored.

In 1878 Mr. Blackall went to Paris to enter the Ecole des Beaux Arts. As he was a good French scholar he had no difficulty in passing different examinations held in that language. He was one of the earliest graduates of an American school of architecture to enter the Ecole, in which he remained for two years, although he did not complete his course sufficiently to receive a diploma. During this time he also studied in the Ecole des Arts Decoratifs, in Paris. On returning to this country he was for a time a draftsman in the office of the architect of the permanent art building of the Centennial Exposition. Then he was transferred to the office of Peabody & Stearns, in Boston, where the

balance of his time as a draftsman was spent. He was sent as representative of this office to supervise work on a large country estate in Colorado, where an experience that occurred is indicative of certain traits of his character. He built sixteen fireplaces in the house, all of which smoked fiercely, the cause being attributed to the high altitude. After some study, young Blackall cured one of the fireplaces, and then re-built all of them so they worked perfectly.

After remaining with Messrs. Peabody & Stearns for several years, upon their advice, he entered the first competition held for the Rotch Traveling Scholarship, which he won in the preliminary and final trials. Then he spent most of two years, during 1884 to 1886, in Europe, chiefly on the income of this scholarship. In this time he also frequently wrote travel and descriptive articles for American journals, devoting them particularly to architecture, and illustrating them with his original sketches. In these two years he visited practically all of Europe, studying the various types of architecture in detail. His training and previous experience made these two years of remarkable value to him when the opportunity to do large work was presented.

On his return to America he became the head of the designing department of Messrs. Peabody & Stearns, in which position he designed the building of one of the leading retail establishments in Boston, and various other important structures. He soon thereafter engaged in practice for himself, one of his earliest works being the Tremont Temple Baptist Church, which contained the first steel frame erected in Boston. Probably his largest work in that city is the Colonial Theatre and office building, which cost more than a million dollars. In addition to the numerous structures which he has designed and supervised during construction, he has acted as consulting architect in connection with many large and important works throughout the country.

Mr. Blackall has been continually a contributor to various architectural journals since 1878, and for ten years was editorial writer and contributor to the *Brick Builder*. He also assisted materially in the preparation of a dictionary of architecture and building, edited by Mr. Russell Sturges, and in articles on a variety of architectural subjects. He is the author of a work on

Builders' Hardware, and of one on American Theatres, both of which have given him a wide reputation.

When the Architectural League of New York City was formed, Mr. Blackall was one of the organizers, and was its first secretary. He also assisted in the formation of the Boston Architectural Club, of which organization he was the first president. For a term of years he was secretary of the Boston Society of Architects, and for the past nineteen years he has been secretary for the Rotch Traveling Scholarship. As a member of various social and professional clubs he has given much time to their semi-public affairs. In addition he was a member of a commission appointed to revise the building laws of the City of Boston; was the chairman of a similar commission for the City of Cambridge; chairman of the Board of Appeal for that city, and a member of the Board of Advisory Architects for the Boston Elevated Railway.

In outlining a career of such broad fundamental training, and of such large results it is difficult to determine accurately the effect that the training of the University of Illinois could have on it. Indeed, Mr. Blackall's early training outside of his college work was so remarkably varied as to be quite exceptional. At the same time, his years at the University of Illinois brought forth a peculiar development, to which he himself frequently refers as being of more importance than any other single factor in enabling him to do the great variety of work to which his attention has been devoted during many years of professional activity.

WILLIAM LAMONT ABBOTT

William Lamont Abbott graduated from the mechanical engineering department of the University with the class of '84, but during his college career he took such courses as were devoted at that time to electrical engineering. Indeed, his work in the University was done during the period when the few technical journals of the country were bold in expressing the opinion that at some future time lighting by electricity might be practicable. His whole professional career has been devoted so largely and so successfully to electrical engineering that he may well be said to be one of the leading men in that branch of the profession. It is true that much of his work has been in the mechanics of the field, but he has followed the development of the theory and its

commercial phases from a time before street cars were run by electrical energy or central generating stations had been considered.

Mr. Abbott was born in Whiteside County, Illinois, in February before the outbreak of the Civil War. His father came from New Hampshire and his mother from Ohio, both of them being of that sturdy stock of early settlers in Illinois which has been so largely responsible for the rapid development of the industries of the State. The turbulent condition of national affairs that obtained during his early life, combined with his ancestry, developed in him various qualities of character that have had much to do with his professional success. His education was started in the rural schools, but he prepared for the University in Northern Illinois College at Fulton. In this institution, he received a thorough grounding in the elements of scholastic training, which too frequently are passed over hurriedly in present day schools of similar character. He entered the University well prepared to undertake the work to be done there. His preparation also was such that he understood the affairs of men better than the average freshman, so that he soon assumed a prominent position in student activities. The very limited attendance at the University during those early days enabled each student to know everyone in college in a most personal way—a situation which in many cases has exerted a strong influence in the development of the men who were fortunate enough to enjoy it. It was of particular moment to young Abbott, as it showed him how to secure results quietly and certainly when dealing with men.

The first year or more after Mr. Abbott left college he worked as a machinist and draftsman, because at that time a man with a technical education was held to have less ability than an ordinary workman, until some of the frills had been trimmed from his mental makeup. In 1886 the Wunder & Abbott Illuminating Company was formed to do a general business as engineers in electrical construction. This company continued in business for two years, when Mr. Abbott became president and manager of the National Electric Construction Company, a corporation operating in Chicago until 1894. With certain changes that occurred at that time, Mr. Abbott became engineer of the Chicago Edison Company, which had the franchise for supplying

electrical energy for light and power in that city. He remained in this position until the Commonwealth Edison Company was formed, when he was appointed to a similar position on the staff of that organization.

To review in this manner the changes he has made since leaving college is of very minor importance. To attempt to discuss the development that has occurred during his career in the methods of supplying power for a great city like Chicago would be impracticable. It is sufficient to say that Mr. Abbott is responsible for much of the progress that has been made in the works of the great corporation which furnishes electrical current for practically all purposes to most of the three millions of people and many of the industries in and adjacent to Chicago. When it is considered that uninterrupted service must be provided every instant of the twenty-four hours and that even a fluctuation in the intensity of pressure by which the current is delivered may have most serious results to many consumers, something of the responsibility of an operating engineer in charge of a great system of this sort may be appreciated.

Aside from the work he has done as an engineer with the various public service corporations with which he has been so actively connected, Mr. Abbott has taken a very prominent part in several technical and civic organizations. He is a member of the American Society of Mechanical Engineers; the American Institute of Electrical Engineers, and of the Western Society of Engineers. In these various organizations he has served at different times on committees appointed to do special work, and for one term was president of the Western Society of Engineers. In a similar manner he has participated actively in the endeavors of such bodies as the Chicago Association of Commerce, and the City Club of Chicago. In this semi-public work his investigations of methods of reducing the production of smoke from industrial plants probably have given him the widest publicity. Indeed the Harrison Street power house of the Commonwealth Edison Company, for the design of which he was largely responsible, is almost classically known as being capable of burning low-grade fuels practically without the production of smoke. Similarly the great new plants of this company recently completed have been equally satisfactory in the small volume of smoke produced from them.

Mr. Abbott has been a member of the Board of Trustees of the University since 1905, being at present its chairman. The value and extent of the work he has done in this capacity scarcely can be estimated. In the midst of an exceedingly busy professional life, he has found opportunity to give much detailed attention to the requirements of his position on this Board. In fact, there have been periods when practically all of his time has been devoted to this work. In a like manner he has assisted most effectively in the formation and development of the Illini Club of Chicago, an organization which apparently is destined to be an important factor in the affairs of the University.

This hasty sketch of the lives of the professional careers of four of the graduates from the College of Engineering of the University of Illinois might be extended to cover the work that has been done by many other men who received their training in that department and have obtained high rank in their profession. The same general influence of their work at Illinois would be evidenced in most cases. These men, from what might be said to be the earlier generations of the University, learned to know each other and to mix into student affairs. They learned to work, with the idea that the University was only a starting place. They were launched into the profession at a time when technically trained men were at a disadvantage in competing for positions. All of these factors have tended to develop in them a fighting spirit and a high regard for their work. In the generations of college life which have followed them, many of these conditions have been eliminated or changed largely. The men who graduate from the College of Engineering today, are schooled wonderfully, in comparison to the training that it formerly was possible to give. They still are taught to work, however, and to do their work well. As a result, Illinois engineers will be found to occupy positions of equal responsibility and importance with those filled by the graduates of any other technical institutions in the country. Aside from the scholastic training these men have received at Illinois, the initial idea of work and democracy that prevades our student body is, in a large measure, responsible for their success.

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Miss Florence Nightingale Jones, of the department of Romance languages, is editor of a pamphlet recently published, and entitled, "Boccaccio and His Imitators." The purpose of the publication is to set forth the influence of Boccaccio's works upon the literature that followed him. This influence is seen especially in the writings of Chaucer and Shakespeare, in England, and also in much of the work of continental authors.

Dr. J. W. Young, assistant professor of mathematics, is joint author with Oswald Vebleu, Princeton University, of a new work in projective geometry. The book aims to fill the demand for a text available for advanced and graduate students in geometry in American universities. It also presents an exposition of certain modern concepts and methods which have not yet been given as important a place in treatises as they have attained in current thought.

A text book long needed by beginning classes in philosophy has been supplied in the work of Dr. B. H. Bode, professor of philosophy in the University. The new volume is called "An Outline of Logic". It gives a concrete discussion of antiquity, simplifies the study of causal connections, and treats with more painstaking detail than is usually the case, the type of inference called circumstantial evidence, the nature of proof, and the postulations of reasoning. The book will be used by beginning classes in logic in the University.

"Problems in Wood Turning", recently issued by the Manual Arts Press of Peoria, Ill., is the title of a book by

Assistant Dean F. D. Crawshaw, of the College of Engineering. The volume contains a clear, brief exposition of the science and art of wood turning, illustrated by fifty pen sketches by Edwin V. Lawrence. There is also a collection of problems, presented in the form of plates, and a chapter on "Form and Proportion" which explains how accepted principles of art may be applied in designing objects to be turned in wood.

Prof. Guy S. Ford, of the department of history, is the author of an interesting article on "Wollner and the Prussian Religious Edict of 1788", which appeared in two parts, in the January and February numbers of the American Historical Review. The articles emphasize the importance of the eighteenth century in the development of religious toleration, and describe the rise of Wollner and his influence over the German Emperor, Frederick William II. According to Professor Ford's belief, it seemed the prevailing tendency in the pulpit to disregard creeds and theological differences.

Dr. George T. Flom, assistant professor of Scandinavian languages and literature, has recently published a new annotated edition of Tegner's "Frithiof's Saga." In his introduction to the book, which is considered the great masterpiece of Swedish literature, Professor Flom has embodied a critical study of Tegner's treatment of his sources, and an account and bibliography of all translations of the work.

William Dietrich, assistant professor of swine husbandry in the College of Agriculture, is the author of a new and authoritative work on swine feeding.

In his book Professor Dietrich has set forth facts regarding swine feeding that he has determined as the results of years of original investigation. New principles and laws of animal nutrition are presented, and the subjects of swine feeding, breeding, and general care, are carefully considered.

Dr. C. W. Alvord, associate professor of history, has just finished editing the fifth volume of the Illinois Historical Collection and the second of the Virginia Series. The book contains over 600 pages of documentary matter, composed largely of the old Kaskaskia records and documents, and covering the period of Virginia domination, from 1778 and 1790. Dr. Alvord has arranged the material in historical form in fifteen chapters, and all documents are printed in the original, with appended translations.

W. D. Egy, research fellow in the department of physics, is co-author with J. K. Clement, physicist of the United States Geological Survey, of Bulletin No. 36 on "Thermal Conductivity of Fire Clay at High Temperatures". The bulletin contains the results of investigations conducted by the authors in the Physical laboratory of the University.

In "Educational Values", published by the Macmillan Company, Dr. W. C. Bagley, director of the School of Education, has analyzed the different methods in which the subject matter taught in the elementary and secondary schools may affect the lives of the pupils. On this psychological analysis. Professor Bagley has proposed to base a new classification of educational values. Practical problems of organization and methodology are considered in the latter part of the book.

Professor J. A. Fairlie, of the department of political science, is the author of a general text on government and political institutions and methods

in the United States, called "American Government". A study of the fundamental principles of national, state, and local government is included in the book, together with an account of the important judicial divisions, statutes, and legislative rules.

Associate Professor D. H. Carnahan and former Professor A. T. Lincoln have finished the translation of Professor Chesneau's book on "Theoretical Principles of the Methods of Analytic Chemistry". The English translation is being printed by the Macmillan Company. The text deals with many of the more difficult problems of the sciences and is expected to meet the demands of advanced students.

"Soil Fertility and Permanent Agriculture" is the title of a volume by Dr. C. G. Hopkins, professor of agronomy in the College of Agriculture. The book is the fourth in the "Country Life Education Series", and is divided into four parts, dealing respectively with Science and Soil, Systems of Agriculture, Soil Investigation by Culture Experiments, and, Various Fertility Factors. In addition there are numerous maps, almost 150 tables, and an appendix. Facts presented in the work are the result of many years' investigation and experiment, and may be considered the most authoritative that have yet appeared upon the subject.

Dr. C. A. Williams, instructor in German, is the author of two articles on the German folk song. "Zur Liederpoesie in Fischart's Gargantua", is a valuable contribution to the knowledge of the folk song of the sixteenth century, appearing in the last number of *Beiträge zur Geschichte der deutschen Sprache und Literatur*. The other article by Dr. Williams is in the last number of the *Journal of English and Germanic Philology*, and bears the title "Zwei deutsche Liederbücher des 16

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Jahrhunderts im Vatikan". It is a description of two old song collections of considerable importance that have been overlooked in the Vatican Library.

"Some New Texts of Liturgical Easter Plays" is the title of an article by Professor N. C. Brooks, of the German department, in the April issue of the Journal of English and German Philology. It contributes some new material for the study of the drama, about twenty new liturgical plays, some of which are of considerable interest to students of dramatic origins.

Dr. Otto E. Lessing, associate professor of German, is the author of a new book called "Die Neue Form". The work has recently been published in Germany.

Professor S. W. Parr and the late W. F. Wheeler are the authors of two recent bulletins issued by the University Engineering Experiment Station. The bulletins are based on material resulting from experiments on coal and are entitled "The Weathering of Coal", and "Unit Coal and the Composition of Coal Ash". They have attracted much attention from engineers and chemists throughout the country.

Dr. Burt E. Powell, private secretary to President James, is the author of a humorously interesting article in the Associated Sunday Magazines of April 3. The title is "Rah Rah Round the World", and in it Dr. Powell gives an entertaining sketch of the cosmopolitan club movement in American Universities. There are now twenty-two cosmopolitan clubs in universities and colleges in the United States, the organization at the University of Illinois having seventy members. Mr. Ching Chun Wang, a University postgraduate student, is president of the Associated Cosmopolitan Clubs.

"The Instincts of Birds", is the title

of another article by Dr. Powell, appearing in the Easter number of The Independent.

Let us not be too harsh of our judgment of Mr. Crane of Chicago. Wendell Phillips said **Venerable Aphasia** he believed that the best education a man can get is what he gets in picking up a living; and Horace Greeley "held firmly that most boys may better acquire the knowledge they need by learning a trade under a good master than by spending four years in college." There was nothing extraordinary in those opinions when they were expressed, and as both Phillips and Greeley have been dead most of the time since, no one should consider it to their discredit that their ideas have not been revised. If we have among us a man who, alive, has just kept pace with the dead for forty or fifty years, let us consider the phenomenon as an unusual exhibit of aphasia, one sufficiently long established to have on its own account some claim on our veneration.

During a recent trip to Washington, D. C., and in an interview accorded to William E. Curtis, the **Graduates in Chicago** newspaper **Demand** correspondent, President James declared that the demand of business houses for college-bred men is far in excess of the supply. President James based his statements on the experience of the University department of business administration which has placed practically all its graduates since its establishment seven years ago. Almost every line of business has been entered by Illinois men, and in some cases there have been demands for men in lines of business where there were no candidates to recommend.

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Statistics regarding graduates from architecture and from the School of Pharmacy also show that students in those professions have been remarkably successful. According to the figures presented by Mr. Curtis eighty-one percent. of the living graduates from the architectural courses have continued in the profession for which they were trained. The percentage of students taking courses in pharmacy, who have remained in that profession, is also very large.

The honorary senior societies have been urging a movement to establish an annual Fall-Home-coming for Illinois grads and their friends. A petition has been presented to the Council of Administration asking that official University recognition be given to the plan and that it be made an annual affair. It is hoped that a holiday may be granted and that this Fall Home-coming may be held at the time of some important football game on Illinois Field—this year, October 15, when the Illini and Maroons meet; and that the freshman-sophomore push-ball game, the hobo band performance, and similar fall events be arranged for at this time. We are strong for anything that will strengthen loyalty in the old grad and that will even occasionally bring him back to the scene of his college days. There is nothing that Illinois needs more.

The class memorial at Illinois gets much advertising, furnishes large opportunity for communications to the *Daily Illini*, but in the end seems to stir really little interest. The fact that 1908 was to have a memorial seems almost forgotten. The memorial of 1909 is still in an embryonic condition on the fourth floor of the

Engineering Building. It is promised, however, to be in place by May 1, 1910 is struggling to determine just what it shall do. After having discussed everything from a new half way house to a bust of Lincoln, it has about decided to erect a celebration urn (whatever that may be) upon Illinois Field. All that seems now lacking is to decide upon a design, collect the money, and erect the memorial. A very simple matter, no doubt.

Professor Eduard Meyer, Ph.D., LL.D., professor of ancient history in the University of Berlin, and 1909 exchange professor to Harvard University, gave a series of six lectures before the University between March 9 and 15. The general subject of the lectures was "Political Institutions and Ideas of Ancient Greece." In the series Professor Meyer first gave a general description of the earlier forms of Greek constitutions, and then devoted the remaining five lectures to "The Constitution of Sparta," "The Constitution of Athens," "The Reaction Against Democracy and the Development of Political Theory," "Plato and Dionysios of Sicily", and "The Absolute Monarchy of Alexander the Great."

Candidates for office in the senior class election in March inaugurated what everyone hopes will be a more enlightened and a cleaner moral era in undergraduate politics. By mutual agreement, the aspirants for the principal offices agreed to dispense with automobiles with which to bring "reluctant voters" to the polls. In the past two or three years automobiles have been very generally used by the candidates for important student offices, in their elec-

tions, and the expense of this method of ward politics has increased to such an extent as to make it almost prohibitive to the poorer student to stand for election to an important office. In the Illio election, too, automobiles were noticeable by their absence, yet the total vote of 517 was the largest ever polled at a class election.

Dean David Kinley, who was appointed a special investigator by the National Monetary Commission, has presented his report to that body. He undertook the investigation of the extent to which credit instruments are employed in the transactions of the modern business world, a research which he carried out for the national government in 1894, and again in 1896. The report of 350 pages shows that the number of credit instruments has largely increased, but that their value in proportion to the total value represented by business transactions, has decreased. In preparing the report Dean Kinley assembled data from almost 20,000 state and national banks, located in all parts of the United States.

Track Coach Harry Gill was presented with an Agazzi chronograph watch at the annual indoor track meet with Chicago on February 19.

The presentation speech was made by Dean David Kinley, and came as a fitting climax at the end of the meet, in which the Varsity won over the Maroons by a score of 52 2-3 to 33 1-3. The funds for the purchase of the memorial were raised by popular subscription under the direction of Phoenix, the honorary senior society. Coach Gill has had charge of track athletics at the Uni-

versity since 1904. During that time his coaching has brought the Varsity to the top in western intercollegiate athletics, Illinois having won first in three Western Conference meets, and the dual indoor championship of the west for five consecutive years.

Attended by representatives of the alumni and the faculty, and by almost 700 undergraduates, the Illinois Union first annual banquet of the Illinois Union, on the evening of Saturday, January 15, was a most gratifying success. The banquet was held in the University Armory, and marked one of the most successful steps the Union has undertaken since its organization, almost a year ago. It was the biggest function of its kind ever held by University students. The following toast program, presided over by Dean David Kinley, followed the banquet:

"The Union at the Bat," "G" Huff.

"Teamwork," J. V. Richards.

"The Practical Side of the Union Movement," C. A. Kiler.

"The Outlook," Dean F. D. Crawshaw.

"Faculty Support," Dean E. B. Greene.

"How the Grads Feel About It," "Prep" Henry, '04.

"Union Spirit and Union Loyalty," Dean T. A. Clark.

The speeches without exception rang with true Illinois spirit, and the Union Building project was launched with a vim and energy that augur well for the ultimate realization of present plans. President James was unable to attend because of illness, but Dean Kinley read a letter from him, in which he declared his belief that there was greater co-operation between the students and faculty at Illinois than at any other insti-

tution, and that with such a bond there comes the realization of what the undergraduates can do for the University. At the close of the program Dean Kinley called upon Vice-President T. J. Burrill, who voiced his approval of the work the Union is doing.

Mr. Carlos L. McMaster, head of the department of general engineering drawing, and assistant to the

Mr. McMaster Resigns

Dean of Men, resigned his position on February 1, to accept service in the architectural department of Pratt & Lambert, varnish manufacturers of Chicago. Since 1905, when he first came to the University, Mr. McMaster has so managed his department as to make it one of the strongest of its kind among American universities. He was made assistant to the Dean of Men last year, and had filled both offices with success.

Almost a hundred members of the Illinois Water Supply Association attended the second annual meeting of the association at the University on March 8 and

9. Two days were devoted to the presentation of papers, general discussion, and laboratory demonstrations. Officers elected for the ensuing year include Dr. Edward Bartow, director of the state water survey and professor of sanitary chemistry, who again fills the office of secretary. The association will meet at the University again next year.

A defective flue on the third floor of the Cosmopolitan Club house, at 1012 Oregon street, caused

Disastrous Fire

a \$2,500 blaze on March 15. The blaze

was discovered just as the members of

the club were sitting down to luncheon, and before it was extinguished the whole upper story of the house had been destroyed by fire and the furnishings in other parts of the building were irreparably injured by water. C. C. Wang, a University lecturer, lost manuscript material upon which he had been working for two years with a view to publication. At a meeting of the club members after the fire it was decided to proceed with the necessary repairs immediately.

Students in the department of electrical engineering put on their third annual electrical show

Electrical Engineering Show

on February 10, 11 and 12. The exhibits, which surpassed in number, interest, and novelty those of the two shows previously given, were installed in the electrical engineering laboratories, where they were viewed during the three nights of the exhibition by over 2,000 people. Most of the exhibits were demonstrated by students of the department, the big drawing card of the show being the single and double gyroscope models of the new monorail car which has recently created such a sensation in England. Both financially and artistically the show was a great success.

Almost one thousand farmers and farmers' sons attended the annual two weeks' courses in agri-

Short Course culture which were

Attracts Many given by the College of Agriculture during the last two weeks of January. The actual enrollment was 908, of whom 762 registered in the agricultural course, while 146 women attended the classes conducted by the department of household science. Every county in the state, with the exception of eight in the lower

Egypt district, was represented among the students. Members of the faculty of the College of Agriculture, together with prominent agriculturists and educators from other states and foreign countries, appeared daily on the program, and made the course the most satisfactory that has been given. In connection with the course were held the annual meetings and elections of the Illinois Corn Growers' Association and the Illinois Live Stock Breeders' Association, together with their affiliated bodies.

In connection with the new courses in mining, the department of mining engineering has just installed **Mining** in the laboratory of physics **Materials** a complete equipment for use in the course in blasting and explosives. Included in the collection are cartridges of different sizes and kinds, a blasting battery with a galvanometer and testing box, tools for drilling and charging, and supplies of the ingredients used in making blasting powder and high explosives. Two rooms have been devoted to housing the collection.

Two numbers of the Nature-Study Review, a publication of the American Nature-Study Society, have recently been issued from the offices of the publication at the University. **Another Publication at the University** Dr. F. L. Charles, assistant professor of agricultural education, was recently elected managing editor of the magazine at a meeting of the society in Boston, and during the next year the nature-study movement will be pushed from the University as a center. Dr. Charles has been a frequent contributor to the Review, and his election is a recognition of his position among those interested in nature-study.

The University has granted sabbatical leave to Prof. T. E. Oliver, professor of Romance Languages. **Prof. Oliver to France** Dr. Oliver's vacation will begin at the end of the present academic year, in June. In company with Mrs. Oliver and their two daughters he will leave for Europe the latter part of that month for France, where he expects to engage in research work.

A petition has recently been presented to the Council of Administration from the **Use of Woman's Building** Woman's League asking that the Woman's Building be opened on Friday and Saturday evenings, and Saturday afternoon, to the young women of the University and their friends, the purpose being to give the young women of the University some suitable place in which they may receive all people who wish to call upon them. It is argued by the petitioners that the building has not been put to the uses of the women to the extent that it should have been, and that since many of the young women of the University have very poor facilities for entertaining their friends, and get very little training in social usages, if their petition is granted, under the general direction of the Dean of Women, the building may be of a far greater use in the cultivation of the young women than it has previously been. It is likely that the scheme will be tried.

The third annual convention of the Illinois State Academy of Science was held at the University **State Scientists Meet** on February 18 and 19 with over 300 scientists from Illinois and neighboring states in attendance. President E. J. James welcomed the visitors in behalf of the University, and Dr. S. A.

Forbes, president of the Academy, responded. The two days' session was devoted to the presentation of papers, the transaction of business and the election of officers. Professor H. H. Stoeck of the University was appointed to the publication committee, and Professor F. L. Charles of the University is a member of the membership committee. In point of attendance, the quality of the papers presented, and the interest shown, the meeting was the most successful the Academy has had. Over 100 new members were received into the organization during the convention.

An exhibition of paintings and etchings from the Albert Rouiller studio of

Chicago was held in the foyer of the **Art Exhibit in the Auditorium** during the week between February 18 and February 25. The collection consisted of about seventy-five works and included two original Whistlers, two Tissots, one Millet and one Rembrandt. During the week Professor N. A. Wells gave a public lecture on etching in connection with the exhibit. Many University and city people viewed the collection.

The Board of Trustees has appointed to the position of instructor in psychology, Dr. A. H.

New Appointment Sutherland of Washington, D. C.

Dr. Sutherland comes to assume the duties of Dr. J. W. Baird, formerly assistant professor of psychology, who resigned to accept a similar post at Clark University. He has been assistant in psychology in the government hospital for the insane at Washington, where he has made a special study of abnormal psychology and neurology. He received his doctor's degree from the University of Chicago.

Professor A. N. Talbot, professor of municipal and sanitary engineering, has

been awarded the **Chanute Medal** for original research in civil engineering during the past year. The medal is awarded annually by the Western Society of Engineers in recognition of the best and most advanced research in civil engineering, and went to Professor Talbot on the strength of his paper on "Tests of Cast-Iron and Reinforced Concrete Culvert Pipe." The foundation for the medal was established by Dr. Octave Chanute, who provided for the awarding of three medals yearly, one for work in mechanical, one for work in civil, and a third for work in electrical engineering. Professor Morgan Brooks, of the department of electrical engineering, who is spending his sabbatical year abroad, was the recipient of the medal for work in electrical engineering.

Collier's Weekly for March 5 published a statement by Dean Davenport of the College of Agriculture on the cost of living. Among other things Dean Davenport says: "Americans of the present time have enjoyed the cheapest food the world has ever known. A continent has been extravagantly developed almost within a generation, and the price of food has represented little beyond the cost of labor in its production. In Kansas, corn was once burned as fuel. Land has been practically free, and it is only recently that agriculture has become conscious that it is a capitalized business; but with the ascension of land values from virtually nothing to hundreds of dollars an acre, the capital invested requires a profitable return. Not many

Dean Davenport on Cost of Living

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years have passed since the bulk of the milk and butter in America was derived from herds which plucked in freedom on the public domains. Now, however, cattle must be fattened on expensive land and shipped in special cars. Dairy cattle must be housed in sanitary buildings. This has lifted labor in many branches of agriculture from the common into the skilled class. The United States has paid a heavy penalty for its cheap nourishment in the past, it has exploited the country at the expense of its fertility, and the future generations will be poorer from a hundred years of cheap food".

The Royal Academy of Science, Letters and Fine Arts of Belgium has presented to Dr. E. J. **Memoir Wins Recognition** Wilczynski, associate professor of mathematics in the University, a prize of 800 francs in recognition of his work on "The General Theory of Commences." The prize is awarded for the most valuable contribution in perfecting some phase of the differential geometry of ruled space.

The United States Bureau of Education has just published as Bulletin No. 422, statistics of state **Educational Statistics** universities and other institutions of higher education partly supported by the state. These statistics show as regards number, Illinois ranks second among these institutions, Minnesota being first and Cornell third. As regards maximum salary paid, Illinois ranks fourth, being exceeded by Cornell, Iowa, and California. In the annual expenditure of the various institutions named, Illinois ranks first, the figures including buildings as well as current expenses. Nebraska seems to

be educating its students at a very low rate per capita, \$179, and the state college of Washington seems to be paying the most, \$534.

As the result of a recent ruling by the faculty of the College of Literature and Arts, seniors registered in **New Ruling for Seniors** that college will hereafter receive only one-half the regular credit for work in freshman courses in the languages, history, science, mathematics, and art and design. On account of the lateness of the action, the ruling provides that seniors taking the beginning courses in science may receive full credit during the remainder of the present year. That part of the rule which concerns courses in the College of Literature and Arts is now in effect. While the purpose of the ruling is undoubtedly to influence seniors to take the required scientific and mathematical studies early in their course, there is nevertheless a feeling, both among the students and among some of the faculty of the scientific departments that the credit for work should remain the same, whether it be taken in the first or the fourth year of the course.

The New England Association of the University of Michigan is making strenuous efforts to bring **Brooks for President** before the board of regents of that university the candidacy of Stratton D. Brooks for president. Mr. Brooks is now the superintendent of public schools of Boston, Massachusetts. He is a graduate of the University of Michigan, and from 1898 to 1899 was assistant professor of education at the University of Illinois, and high school visitor.

The Players' Club, a dramatic organization composed of faculty members and their wives

Players Present successfully presented "The Rivals" "The Rivals," Sheridan's laughable comedy of sixteenth century life, on the evenings of February 24 and 25. All the parts were well taken, and delighted audiences filled Morrow Hall on both occasions. "The Rivals" was the initial effort of the club in 1901, and Mrs. T. A. Clark, '91, and Mrs. J. C. Lincoln, who took part at that time, essayed the revival of the roles in which they played in the original production.

Professor Edward Lee Thorndike, of Columbia University, delivered a series of five lectures under the joint auspices of the College of Literature and Arts and the School of Education during the week beginning April 4. Professor Thorndike is one of the leading psychologists of the country. His lectures were on the general topic, "Individual Differences and their Causes."

Mr. Samuel Frisnel, president of the Commonwealth-Edison Company, together with the General Electric Company of Chicago, recently presented the electrical engineering department of the University with a modern turbo-generator. The machine is of the three-phase, 125 kilowatt, 60 cycle type, and develops 2,300 volts. It is direct-connected and is run with a much higher efficiency than are the old-fashioned turbines now in use. The donors of the gift have given it with the understanding that it is to be used for experimental purposes as well as for practical work. At present the University is using the two-phase, 440-volt system, a current which

is not so readily handled for power transmission as is the three-phase.

The wives of undergraduate students of the University, who number something like twenty, **Wives Organize** have recently perfected an organization which meets regularly and whose purpose is to bring these somewhat isolated women into more friendly contact with each other. There is ordinarily no more lonely life than that which the average woman, the wife of an undergraduate, lives, and whatever brings these women together and adds to their social intercourse is to be approved.

During the recent local election the *Illini*, departing from its usual custom, took an active part for no license. **"Drys"** The editor alleged that the question as to whether the saloons should be re-admitted into the Twin Cities, was not a political, but was a moral one, and upon such questions every self respecting man has a right to be heard. It is perhaps correct to say that in no election in twenty years has the student vote been so much in demand as in the recent one. The majorities for no license in both cities are said to be the result of the student voting.

Unusual interest was displayed in the annual election of officers for the University Club on January 15. Members had the privilege of choosing from two complete tickets, the official ticket and an independent ticket which was put in the field a few days before the election. The result was a partial victory for each faction, the presidency going to Professor J. M. White, the official nominee. Other officers were elected as follows:

Vice-President — Professor. S. A. Forbes.

Secretary—R. W. Rutt.

Treasurer—H. S. Capron.

Members of the Board of Governors, to serve until 1913—Professor N. C. Brooks, Professor H. B. Ward; to serve until 1911, Professor F. H. Rankin.

House Committee—Professor E. J. Northrup, Professor J. C. Duncan, Professor J. W. Young.

Membership Committee, to serve until 1913—Professor Frederick Green, Professor J. A. Fairlie.

Alumni and former students of the University of Michigan now living in Champaign and Urbana, or connected with the University, in February organized a Michigan club. Among its members the club counts a large number of students and faculty men who were formerly undergraduates or instructors at Michigan. Officers of the new organization are: E. M. Halliday, President; H. T. Nightingale, Secretary; Miss N. E. Goltswaite, Treasurer. Michigan men on the faculty include Dean Townsend, Professors Lessing, Ward, Fairlie, Oliver, Sisam, Paul and Miller, and Messrs. Halliday, Denton, Nightingale, McNeal, and Kyriakides.

An eloquent tribute was paid to Carl Schurz, the great German-American publicist and statesman, at the Literature and Arts assembly on January 11. The address of the occasion was delivered by Mr. E. E. Prussing, a Chicago lawyer, who became intimately acquainted with Dr. Schurz during a friendship of over forty years with him. He sketched the early life of Schurz and told of the im-

portance of his services to the United States.

A recent number of the University of Illinois Studies, Vol III, No. 5, consists

of an article by **New University Study** Professor D. H. Carnahan, entitled

“Jean d’Abundance —A Study of His Life and Three of His Works.” The titles of the three productions are “Le Joyeux Mystere des Trois Rois,” “Moralite, Mystere et Figure de la Passion de Nostre Seigneur, Jesus Christ,” and “Le Testament de Carmentrant.” These examples of the French drama of the early sixteenth century are to be found only in the National Library at Paris. The study has been published as a contribution to the general subject of early French drama.

Professor C. H. Van Tyne, head of the department of history at the University of Michigan, addressed a general convocation in the University Auditorium on Washington’s birthday. Professor Van Tyne spoke on “The Political Thinking of Washington’s Time,” emphasizing in his speech the influence of the political theories of Rousseau, Locke, and other great eighteenth century philosophers upon the early American statesmen and the revolution.

Shield and Trident and Phoenix, the two senior societies, recently presented to the Council of Administration the following petition. The Council expressed its interest in the petition but referred the whole matter to the Senate for action at the April meeting.

“Whereas, A student in the Univer-

sity of Illinois who has successfully and satisfactorily completed all the work of his course up to the end of the first semester of his senior year has demonstrated thereby the sincerity of his purpose, his ability to complete his course, and his fitness to take up the work for which he is preparing;

"Whereas: The worries, duties, and responsibilities attendant upon graduation are, in themselves, all that a student can well assume, without the additional burden of preparing for the final examinations of the second semester of his senior year; and

Whereas; It would be advantageous to every senior to know at least a month before commencement whether or not he will graduate,

We, the undersigned members of the Phoenix, and Shield and Trident, the senior societies of the University of Illinois, in the sincere belief that we express the unanimous sentiment of the members of the senior class, do hereby respectfully petition your honorable body that those seniors who have successfully and satisfactorily completed all the work of their course up to the end of the first semester of their senior year, be exempted from the final examinations of the second semester of that year in those studies in which they have maintained a standard above a reasonable minimum, up to a certain time before commencement.

The bulletin of the Summer Session for 1910 which has been recently issued by the Director, W. C. Bagley, announces among other things, courses in biology at Quiver Lake, Havana. Elementary and advanced courses will be offered in botany, zoology, and physiography. It is hoped that the facilities offered in this part of Illinois will attract to the Summer Session teachers of high rank.

Dr. Frederick C. Zapffe of the College of Medicine was elected secretary-treasurer of the Association

Dr. Zapffe of American Medical
Elected Colleges at the closing session held in Baltimore on March 22. Dr. Abram Flexner, representing the Carnegie foundation, declared at this meeting that as many as thirty-five institutions in the association failed to come up to the standard set by the Foundation. He criticised some of the methods employed by various institutions, especially their last requirements for admission.

President Charles Blanchard, A. B., of Wheaton College, delivered three lectures before the School of Education March 21, 22, and 23. He discussed the following topics:

1. The Value of Ethical Study and Its Foundation Principles.
2. Duty Respecting the Culture of the Will.
3. The Place of Imagination in the Ethical Scheme.

The Senate Library Committee have recently made the following recommendations by which it is hoped some-
Library Committee what to increase
Recommendation the material received by the library:

1. That an Exchange Bureau be established in the Library, and that this Bureau receive and distribute all publications sent and received in exchange or as gifts.
2. That copies of all University publications be delivered to the Bureau in sufficient number to supply names on the Exchange list maintained by the Bureau.

3. That arrangements be made with the auxiliary scientific bureaus whose publications are not controlled by the University to obtain copies of their publications sufficient for exchange purposes.

4. That effort be made, by legislation if necessary, to secure from various Illinois state departments, institutions, and offices, 100 (or more) copies of each of their publications to be used for exchange purposes.

The deans of the colleges of liberal arts of a dozen middle western state universities held **University Deans Meet** their second annual meeting at the University on March 24 and 25. During the two days' session there was a general discussion of topics relative to their work, and the presentation of a number of papers. Deans E. J. Townsend and E. B. Greene of the University were on the program.

The services of Professor David Kinley, dean of the Graduate School, have been requisitioned **Dean Kinley Serves** recently by both the state and national government. He has been appointed by Governor Charles S. Deneen a member of the Illinois State Tax Commission, which is to investigate Illinois' revenue system. The Commission was authorized at the last regular session of the State Assembly, and is to report to the Assembly next January its findings with recommendations for an improvement in the present system of state taxation. As we go to press we learn that Dean Kinley has been forced to decline the honor of serving on the commission, owing to his previous appointment to the Pan-American

Congress. Governor Deneen has appointed in his place President James of the University.

President W. H. Taft has appointed Dean Kinley as one of the United States representatives to the Congress of American Republics to be held in Buenos Ayres, in the Argentine Republic, in the coming July. The Congress meets every two years, and discusses matters of mutual interest to the republican states on the western hemisphere. The University Board of Trustees has granted Dean Kinley leave of absence to undertake the mission.

The series of assemblies which has been given by the College of Literature and Arts during the year **Assemblies Succeed** closed on April 12 with an address by Mr. G. F. Schwartz of the School of Music. Large audiences have attended the meetings and the programs have been interesting.

The last meeting of the Illinois branch of the association of Collegiate Alumnae was **Collegiate Alumnae Meet** held in the Woman's Building. A paper was read by Mrs. W. A. Noyes on "The Public Health Movement", and by Miss N. E. Goldthwaite on "Social Training for Women in Women's Colleges and in Coeducational Institutions."

President James presented to the United States Senate on February 25, a petition signed **Petition to United States Senate** by thirty-six presidents of independent agricultural and mechanical arts colleges, and ninety-seven presidents of Normal

Schools, protesting against the bill permitting George Washington University to receive \$45,000 a year from the government as an agricultural college under the provision of the Morrill Act. President James is chairman of the Legislative Act Committee of the National Association of State Universities.

Dr. John D. Fitz-Gerald, assistant professor of Romance languages, who has been a correspond-

Honored by ing member of the
Spanish Academy Real Academia Espanola de la Lengua since 1906, has recently been commissioned by the academy to prepare a critical edition of the "Celestina." The edition is to appear in the academy's official series of critical editions. Dr. Fitz-Gerald is also writing a volume on Juan Valera for the Hispanic Society of America.

Professor L. P. Breckenridge, formerly head of the department of mechanical engineering at the University, and now occupying a similar position in Sheffield Scientific School of Yale University, has been assisted in his new work by a recent bequest of \$250,000 to the Mason laboratory of Sheffield. Dean W. F. M. Goss and others of his old-time colleagues sent a telegram of congratulation to him upon receipt of the information.

Claude M. Garland, a graduate of Vanderbilt University, instructor in mechanical engineering, was married on March 26, 1910, to Miss Myrtle B. Hungerford of Urbana, Illinois.

Claude M. Garland
Marries

STUDENT LIFE

Gamma chapter of Phi Beta Kappa, the honorary fraternity in the liberal arts, inaugurated **Phi Beta Kappa** a new policy at the **Pledges** beginning of the year when it se-

lected several students from the junior class for membership. Formerly only seniors were chosen, but the faculty believed an element of strength might be added to the organization by pledging a few third year students of high scholastic standing. The society also announces a prize of twenty-five dollars to be offered annually to that member of Gamma chapter, who at the time of his graduation from the College of Literature and Arts, shows evidence of greatest promise as a scholar in the domain of liberal arts.

The following members have been chosen from the senior class:

Herbert Bebb, Alice Ledlie Blair, Alida Cynthia Bowler, Wilbur L. Buchannan, Agnes Bouton Cooper, Alice Harriet Durland, Robert Bruce Fizzell, Cicely Sarah Goff, Obed Lewis Hernon, Helen Dickson James, Stella Pauline Kleinbeck, Augusta May Kreiger, Lola D. McClurg, Lois Maria Miles, Frances M. Moorehouse, Clarence Eugene Noerenberg, Laura Estelle Pierce, Bessie Estelle Shackell, John Raymond Shulters, Elmer Roy Stahl, Grace Esther Sevens, Elder Louisa Swanson, Dalla Alice Taylor, Ralph Earle Tietje, Elkan Turk, Florence Leone White, Hulda Catherine Witte.

The members-elect from the class of 1911 are:

Ruth Mitchell Burns, Jessie McHarry, Lillian Mess, Lawrence Hursh Miles.

Phoenix and Shield and Trident, the honorary senior societies, have again adopted the agree-
Senior Societies ment, regarding the
Agree method of pledging
new members, which

has been subscribed to by the members of both organizations for several years. The contract specifies the time at which invitations are to be mailed to prospective pledges, and where and how new men are to be received. Its adoption insures the prevention of any friction between the two, and the observance of pledge day in a quiet, dignified manner.

Robert B. Fizzell, '10, of Taylorville, Ill., representing the Philomathean Literary Society, won the
Fizzell Wins annual inter-literary so-
Declamation ciety declamation con-
test on February 17.

Mr. Fizzell was the last of six speakers who represented as many different societies, and the subject of his declamation was, "Affairs in Cuba", by former Senator Thurston. As a result of his success the Philomathean Society retains the silver trophy cup during the coming year.

Thirty members of the senior class in civil engineering, accompanied by
Professors I. O.
Engineers Take Baker, F. O. Du-
Trip Four, and assistant
Professor C. W.

Malcolm, made an inspection trip to points in and around Chicago during the week ending March 26. The party left Champaign on the Wednesday preceding the Easter vacation, and spent Wednesday and Thursday in the city.

Thursday noon they took luncheon with the Illinois alumni at the Boston Oyster House. On Friday the plants of the Illinois Steel Company were visited, and Saturday was devoted to an inspection of the Lake Michigan intake cribs.

Tau Beta Pi, the honorary engineering fraternity, has announced the following pledges from the

Tau Beta Pi class of 1911:

Pledges Men J. C. Levey, R. I. Roark, A. L. Enger, J. VanDervoort, H. J. Humphreys, E. A. Herreke, J. M. Pittman, W. C. Eells, A. R. Anderson, G. R. Lyman, W. H. Ruskamp, A. E. Randall, B. Bannister, G. B. Allen, J. A. Scanlan, A. B. Dunham.

Varsity debaters closed the most successful debating season Illinois has ever enjoyed by winning

Double Victory in Debate decisions over both Ohio and Indiana

on Saturday, March 12. The contest between Ohio State University and the Illini was held in the Auditorium, the Varsity team, composed of F. H. Railsback, F. H. Nymeyer and L. K. Ellsberry, supporting the affirmative of the question, "Resolved: That a progressive income tax would be a desirable addition to the federal system of taxation." The decision of the judges was two to one in favor of Illinois. The University trio which met the University of Indiana orators at Bloomington, supported the negative side of the same question and won by a similar decision. Members of the team were C. E. Burgener, C. V. O'Hern, and J. V. Stevenson. Both debates were held under the auspices of the State University Debating League, of which the three universities are members. In the debates in the Central Debating League, with Wis-

consin and Iowa, in December, the Varsity won from Wisconsin and lost to Iowa.

Graduates and students of the University College of Law sustained their enviable reputation

Pass Bar Exam at the state bar examination at Ottawa

in February. Seven Illini men entered the lists and all were successful in passing the test. Their names follow:

A. R. Warnock, '05 of the English department; L. R. Kelley, '09, of DuQuoin; F. P. Benjamin, '10, of Watseka; A. A. Jones, '10, of Decatur; E. Bland, '10, of Findley; A. Gustin, '10 of Cave-in-Rock; and C. A. Burns, '10, of Fairbury.

The recent development in the courses in commerce and business administration, together

Honorary Business Fraternity with the large number of students now registered

in those courses, has resulted in the organization of an honorary business fraternity. Delta Kappa Chi is the name of the new organization, which is destined to bear the same relation to students in the business courses as Phi Beta Kappa bears to the students in the College of Literature and Arts. Eligibility is on the basis of scholarship and promise of marked business ability, and the object of the fraternity is to raise the standards of the business department. The charter membership consists of twelve seniors and seven juniors.

The University Glee and Mandolin Clubs returned on March 31 from what was perhaps the most

Musical Clubs' Trip successful tour they have undertaken since their organization.

Thirty-five men were taken on the nine-

teenth annual trip, which began with a largely attended concert at Fairbury, Ill., on Thursday, March 24. On Friday night the organizations played to a delighted audience in the Auditorium of the State Normal University, at Normal, Ill., and on Saturday evening a concert was given in the People's Church, at Aurora, Ill.

The banner event of the trip was the concert in Chicago on Easter Monday night, under the auspices of the Illini Club of that city. Over twelve hundred tickets were sold for the musicale which was held in the ballroom of the magnificent new LaSalle Hotel. University alumni residing in Chicago and from upstate and Wisconsin towns were present in force, and following the concert the Chicago graduates were hosts of the club members at a dancing party in the hotel. From the standpoint of attendance and from the cordiality with which the selections of the clubs were received, the Chicago concert will long remain a pleasant memory to the glee and mandolin men and to their audience.

On Tuesday night the clubs appeared in Englewood in a concert, and the closing program of the trip was given in Morris, Ill., on Wednesday. Following the Morris concert the clubs were the guests of Illinois alumni and undergraduates at a number of dances, dinners, and receptions.

Throughout the trip the musicians received the most courteous treatment. At Joliet they inspected the steel works, and at noon they were the guests of the Joliet Business Men's Club at a luncheon. They were also the guests of the warden on a trip through the state penitentiary, and at luncheon. Myron B. Stewart, '10, of Chicago, is business manager of the Clubs, and had charge of this year's tour.

Miss Irma E. Voight, a junior student in the College of Literature and Arts, representing the Illioli Literary Society, will represent the University at the annual Northern Oratorical Contest to be held at Minneapolis in May. Miss Voight was selected as the University's representative at a preliminary contest on April 3. Her oration, "The Status of Women", won first place in competition against five men contestants.

The annual election of officers for the University Young Men's Christian Association was held in the Association building on April 1, and resulted as follows:

President—Bryant Bannister, '11

Vice-President—P. S. McKee, '12

Recorder—A. M. Simpson, '13

Student Members of the Board of Directors—D. R. Palmquist, '11, R. C. Scott, '12, P. S. McKee, A. R. Montague, '13.

Faculty members of the Board of Directors—Dr. T. J. Burrill, and Prof. S. W. Parr. Champaign member, Mr. S. K. Hughes.

Lester P. Maxey, of Mt. Vernon, Ill., a junior in the courses in journalism, was elected editor of the *Daily Illini*

for the coming year. **Illini Election** at the annual election on April 7. He received 334 votes to 243 for his opponent, J. P. Benson. Although the election was not as exciting as that of last year when the winning candidate for the editorship secured a margin of but six votes, the total vote cast, 577, was the largest ever polled in an Illini election. Mr. Maxey has been associate editor of the *Illini*

this year and well qualified for the duties of his new position. R. J. Jordan, '11, of Minneapolis, Minnesota, was elected to the business managership without opposition.

Members of the sophomore debating team won the annual sophomore-freshman debate on January 17. The question was, Resolved: That a progressive income tax would be a desirable addition to the present system of Federal taxation. Messrs. J. V. Stevenson, R. C. Scott, and W. P. Arnold, composing the sophomore trio, received the unanimous decision of the judges.

Students to take the parts of the principal characters in the Greek play, "Clouds" were chosen Aristophanes' in February, and rehearsals have proceeded so smoothly since that time that the artistic success of the production is almost assured. The play will be given in the University Auditorium on April 19 under the auspices of the department of classics. A feature of the production will be the traditional Greek chorus of twenty-four voices. Students who will appear in the play, and the parts they will essay are as follows;

Socrates	W. J. Karr
Strepsiades	J. A. Noon
Phidippides	J. W. Shrader
Chorus Leader.....	Charles E. Lutton
Xanthias	E. A. Leslie
Pupil	O. E. Pence
Money Lender.....	W. L. Talbot
Money Lender.....	R. W. White
Citizen.....	E. B. Pletcher
Just Logis.....	C. E. Durst
Unjust Logis.....	L. E. Frailey
Priest.....	K. M. Dallenbach

President John Buzick of the senior class has appointed the following committees of seniors to take charge of various matters in connection with Commencement week festivities:

Commencement Committees
 Senior Ball—T. E. Thompson, L. G. Jones, J. W. Thomsen, C. A. Lord, C. F. Williams, D. M. Rugg, R. C. Berry, John Strom, H. P. Larson, G. C. Barkley, B. T. Abbott, E. B. Righter.

Cap and Gown—R. F. Lehman, J. D. Sterling, C. F. Nye, C. B. Wissing, Alta Swigart.

Invitations—B. F. Baum, Augusta Kreiger, C. D. Butzer, Thomas Bregger, W. S. Wright.

Senior Breakfast—S. S. Cook, Edith Tilton, George Morris, W. C. Miller, H. D. Bowman.

Theta Kappa Nu, the honorary law fraternity, announces the following pledges: J. E. Layden, '10; F. H. Railsback, '10; S. M. Thompson, '11; W. F. Hull, '11; C. M. Walter, '11; G. B. Weisiger, '11. These men are selected on the basis of scholarship.

The student council of the Students' Union has recently petitioned the Council of Administration for certain powers. The Council of Administration has approved the request, provided it meets the general approval of the members of the Union.

Specifically the powers asked for are as follows:

1. To assist the freshmen in the organizing of their class.
2. To manage the annual public contest between the freshman and sophomore classes, with a view to promoting



FIRST ANNUAL STUDENT UNION BANQUET

a legitimate class spirit, and at the same time preventing those exhibitions of class feeling which are injurious to good order and the good name of the University.

3. To act as arbitrators in class disputes.

4. To foster and support acceptable Illinois traditions.

5. To have charge of such student mass meetings and celebrations as are not otherwise provided for.

6. To assist in the entertainment of noted Alumni and other distinguished guests.

7. To elect yell leaders.

8. To do what it can to see that all funds and subscriptions by students shall go to the purposes for which they are raised.

There is no doubt but that if the Union will take upon itself seriously the carrying out of the plans which it has in mind it may do an infinite good in controlling student enterprises and directing student activities.

The sophomore class elected Ray C. McLarty, '12, and Chester O. Fischer, '12, editor and business manager of the 1912 Illinois Election at the annual election on March 17. A total of 517 votes was cast at the election, which resulted in a stubborn fight for the editorship. Mr. McLarty comes from Rockford, Ill., and Mr. Fischer is from St. Louis, Mo.

The annual Post Exam Jubilee, originally destined to serve as a tonic for cons and flunks, failed to serve in that capacity this year. Although "bigger and better" than ever before, the Jubilee proved to be an evening's free entertainment for the citizens

of Champaign and Urbana, rather than a frolic of fun for the undergraduates. The Auditorium was filled to the doors early in the evening by townspeople, and when the students asked for admission they had the "Standing Room Only" sign shoved to them. Apparently some new plan must be devised whereby the Jubilee will be for students only, if it is to subserve its original purpose.

Members of the senior class elected John W. Buzick, of Champaign, president of the organization at the second semester election in February. Mr. Buzick, who has pitched on the Varsity nine for the past two years with great success, received 231 votes, as against 181 for his opponent, James T. Hanley, formerly captain of the Varsity track team. The election was marked by the absence of automobiles and carriages, an innovation which seemed to have little effect upon the size of the vote. Members of the class selected a celebration urn to be presented to the University as a 1910 memorial. The urn is to be built upon the campus, preferably on Illinois Field, and all future celebrations of athletic victories will center about it.

ATHLETICS

BASEBALL

Though it may be a little premature to predict championships before the beginning of the baseball season, the practice work of the Varsity squad has nevertheless given the undergraduates grounds for becoming happy and for cherishing enthusiastic anticipations. Indoor practice began immediately after the Christmas holidays, and continued until March 1 when the candidates were taken outside. The balmy weather of March permitted work almost

every day, and when the team left for Arkansas the latter part of the month, its baseball qualities were more fully developed than they were at the same time last year.

Hopes for the retention of the Big Eight championship are based upon the remarkable showing of the nine against the strong University of Arkansas team. In three games played against the Arkansans, the Varsity was successful in winning all. The scores were 7 to 5, 6 to 4, and 8 to 0. John Buzick, the pitcher of 1909 fame, assisted by Penn and VanGundy, the latter a recruit from last year's freshman team, twirled the winning games.

The nine has not been selected, but the players will doubtless be drawn from the following men who took the southern trip: Huff, Buzick, Penn, VanGundy, Bunn, Righter (Capt.), Weber, McIlhiney, Twist, Butzer, Swartz, Thomas, and Quayle. Huff is the brilliant catcher, who was forced to leave the University early last spring because of his poor health. He has spent the past year in the south, and returns with all his former baseball prowess and ability.

During the first two weeks of April the Milwaukee team of the American Association spent its usual practice season at the University. A schedule of a dozen games was played between the Varsity and the Milwaukeeans, the Varsity doing creditable work in all the contests. Northwestern University opens the Big Eight season with Illinois in a game on Illinois Field on April 13. The usual series of four games has been arranged between Chicago and Illinois, but Iowa and Minnesota will each be taken on for only one game.

The baseball schedule is as follows:

April 13, Northwestern at Illinois.

April 18, Indiana at Illinois.

April 23, Wisconsin at Illinois.

April 26, Arkansas at Illinois.

April 27, Chicago at Chicago.

April 30, Iowa at Illinois.

May 4, Chicago at Chicago.

May 5, Northwestern at Evanston.

May 7, Wisconsin at Madison.

May 10, Purdue at Illinois.

May 14, Chicago at Illinois, also Chicago vs. Illinois on track, both varsity and freshman teams. Chicago Day.

May 20, Chicago at Illinois.

May 21, Minnesota at Illinois.

May 27, Purdue at LaFayette.

May 28, Indiana at Bloomington.

BASKETBALL

The Varsity basketball team closed a rather mediocre season by losing to the University of Minnesota in the local gymnasium on March 9. During the opening games of the schedule, and in fact, until the last week of the season, the Illini seemed to have a fighting chance for the western intercollegiate championship. Erratic playing, however, and seeming reverses in form, caused unexpected defeats, and a resume of the results shows that Illinois won five, and lost four games.

Much can be forgiven the team because of the brilliant showing it made against the Chicago quintet on the latter's home floor. In the first game with the Maroons the Illini were defeated in the last few minutes of play by a score of 21 to 11. Capt. C. P. Watson, who was unable to play the first few games with his men because of absence from the University, appeared at center, a position strange to him. The men had just passed through the examination period, lacked practice, and consequently were not in fit condition to play their usual game. In the second game with Chicago, Illinois was victorious by a score

of 24 to 15. It was the first time the Maroon basketball five has been beaten in the last four years, and also the initial basketball victory of the Illini over Chicago.

Owing to snowbound trains and consequent delays the five was unable to play the opening contest of the schedule with Minnesota at Minneapolis, on January 14. The team was stranded in northern Illinois and Iowa for almost a day, and did not reach Madison until 10 o'clock of the night of the Wisconsin game. The only nourishment the men received during the preceding twenty-four hours consisted of popcorn and cracker-jack.

All hopes for the championship disappeared when the Illini met Purdue in the first game of the Indiana trip. The Boilermakers defeated the Varsity by a score of 27 to 10, on March 4, and five days later Minnesota added the finishing touch to the destruction of championship aspirations by winning an easy contest with a score of 22 to 9. During the season Illinois scored a total of 194 points to 176 for its opponents. A summary of the results follows:

Illinois 16	Wisconsin 28
Illinois 34	Wisconsin 14
Illinois 33	Purdue 17
Illinois 30	Indiana 20
Illinois 11	Chicago 21
Illinois 24	Chicago 15
Illinois 10	Purdue 27
Illinois 27	Indiana 12
Illinois 9	Minnesota 22

THREE PLAYERS LEAVE

Next year the Varsity basketball team will be without the services of three players who have added much to the efficiency of the five during the past few years. Captain C. P. Watson, forward and center, H. T. Popperfuss, forward, and T. E. Thompson, guard, are seniors, and expect to graduate from the

University in June. During the season of 1910 they have played a brilliant game. Watson, who has been playing forward for years, suddenly found it necessary to fill the center position, and he showed remarkable versatility in adapting himself to its requirements. There are many candidates for the vacancies so that the high standard of next year's team is assured.

BERNSTEIN CAPTAIN

Louis S. Bernstein, of Chicago, a junior in the College of Engineering, was elected captain of the 1911 Varsity basketball team at the annual election at the close of the present season. Bernstein has played a star game as guard on the Varsity during the past two seasons. Last year he earned his "I" as left half on the Varsity eleven, and many basketball authorities gave him the position of right guard on the second All-Western basketball five, this spring.

TRACK SEASON INDOORS

With a series of three decisive victories to its credit the Varsity track squad found its Waterloo in the concluding meet of the season, with the athletes of the University of Chicago. Some of the sting was taken out of the defeat, however, by the fact that in the first indoor meet of the year between the two teams, the Illini won by a big margin. Chicago's eccentric track, too, imposed a handicap of several points upon the Orange and Blue runners, and this drawback together with certain reversals in form, combined to defeat Coach Gill's men.

Track work began before the holidays, and the first try-out was held on January 22 with 125 freshman and Varsity men competing. On February 11 the freshmen had a try-out of their own at which they made a creditable showing.

The Illini track athletes struck their usual gait in the initial meet of the season against the University of Missouri team. Although the games were scheduled merely as a try-out for the Chicago contests, the track followers had not hoped for a victory by the decisive score of $62\frac{1}{2}$ to $23\frac{1}{2}$. The visiting Missourians performed well, but Coach Gill's men could not be stopped. Former Captain Hanley ran the fastest indoor quarter-mile of his track career, and the work of Rohrer in the half mile, East in the two miles, and Seiler in the dashes was equally effective. Murphy cleared the bar at eleven feet in the pole vault, and Leo, a dark horse in the shot-put, took second honors with a record of 39 feet, 8 inches.

At Purdue the Illini celebrated the completion of the new gymnasium by defeating the Boilermakers, $50\frac{1}{2}$ to $35\frac{1}{2}$. Illinois scored a slam in the high jump, while Purdue retaliated in the forty yard dash. Illinois won the relay through the efforts of Richards and Hanley, who secured the cup by making up the distance lost by their teammates. Hanley and Rohrer did telling work in the runs, while Murphy set a gymnasium record of eleven feet, six inches in the pole vault.

CHICAGO AT URBANA

What may well be called the "Big" meet of the year was held in the University gymnasium on February 19. Illinois defeated Chicago in a thrilling meet, which was a struggle from the beginning to the end, by the score of 52 2-3 to 33 1-3. Every event was stubbornly contested, and the winner could not be picked until the outcome of the last event on the program, the pole vault. Murphy, of Illinois, defeated Rogers, of Chicago, for first place, and

thus decided the contest in the Varsity's favor. Davenport, the Maroon quarter-miler, performed brilliantly in his favorite event, lowering the gymnasium record in the quarter-mile from fifty-three seconds to fifty-two and two-fifths seconds. Leo, a Varsity dark horse, surprised his teammates and Chicago, by annexing second place in the shot put.

AT CHICAGO

In the closing meet of the season the Varsity track team lost to the Maroons in Bartlett gymnasium, by a score of $52\frac{1}{2}$ to $33\frac{1}{2}$. Chicago's track slowed up the Orange and Blue runners considerably, and even in the dashes the crack Varsity men were defeated. It was the second time within the past six years that Illinois has lost to Chicago in an indoor track contest. During that time there have been twelve indoor meets between the two universities; Illinois has won nine, tied one, and lost two.

The Varsity and freshman track schedules for the coming spring follow:

May 7, Wisconsin at Madison, also a baseball game at Madison, Illinois Day.

May 14, Chicago at Illinois, both Varsity and freshman teams.

May 20, Purdue at Illinois.

June 4, the Conference at Urbana.

EIGHTEENTH INTERSCHOLASTIC

Tentative arrangements have been completed for the eighteenth annual Interscholastic games of the University, which are to be held on Illinois Field on Saturday, May 21. In connection with the Interscholastic there will be Varsity baseball and track contests, the State Oratorical Contest, the State high school art exhibit, and the Interscholastic Circus. The Athletic Board of Control has appointed as manager of the games, C. C. Roberts, '11, of football fame, who did excellent work in the interest of the meet last year as assistant

May 19, 20, 21, High School art and manual training exhibit in the University chapel.

POLO CHAMPIONSHIP

Illinois retains the western intercollegiate water polo championship as the result of a series of two aquatic meets with Chicago this spring. In the first contest in the Bartlett gymnasium tank the Orange and Blue scored five goals, while the Maroons were shut out completely. In the meet held in the local tank a week later, the Illini were not so fortunate, yet they won again by a final score of 3 to 2. Captain Anderson of the Varsity played an effective game during the year, and his loss by graduation will be keenly felt. W. C. Cutter, forward, will also leave the University in June.

In swimming the Illini lost one meet to Chicago by a score of 24 to 16, and tied one contest against the same team, 23 to 23. The results of the season manager. C. C. Willmore, '11, was appointed assistant manager.

The management anticipates the return of many alumni for the week, and has given out the following schedule of events:

May 19, Twelfth annual Maypole and folk dance, on Illinois Field.

May 20, 1 p. m., Illinois-Purdue Varsity trackmeet on Illinois Field; 3 p. m., Illinois-Chicago Varsity baseball on Illinois Field; 6 p. m., Cadet Regiment military drill on Illinois Field; 8 p. m., University Glee and Mandolin Club Concert, Illinois Theatre; 8 p. m., Interscholastic Oratorical Contest, Morrow Hall.

May 21, 9 a. m., Eighteenth Interscholastic, Illinois Field; 2:30 p. m., Illinois-Minnesota baseball on Illinois Field, 7:30 p. m., Interscholastic Circus on Illinois Field; 9 p. m., Interscholastic Dance in Armory.

were exceptionally good when it is considered that candidates for the team were not numerous, and that some of the best men were ruled off because of scholastic deficiencies.

FOOTBALL SCHEDULE

No definite schedule for next fall's football season has been arranged, but a number of tentative dates have been secured. James Milliken University will open the season with the Varsity eleven on Illinois Field. The second game will probably be with Drake University, and on October 15 Chicago will meet the Illini on Illinois Field. Negotiations have been closed for a return game with Syracuse University toward the latter part of the season.

MANAGER INGOLD RESIGNS

Ernest T. Ingold, '09, graduate manager of athletics at the University since his graduation, has resigned his position to become publicity manager for the Los Angeles Investment Company, of Los Angeles, California. Under Mr. Ingold's management the University Interscholastic Athletic meet has become the largest in the world. His success as student manager of the meet caused his appointment to his present position. Charles A. Elder, ex-'94, is president of the Los Angeles corporation with which Mr. Ingold has accepted service.

FOOTBALL RULES

Head Coach Arthur Hall held a conference with members of the Varsity football squad on April 5 at which it was decided to devote the next six or eight weeks to preliminary practice. The decision to institute spring practice was almost imperative by the radical changes made in the football rules by the intercollegiate rules committee. The preliminary work will be devoted to a thorough mastering of

the new game so that the Varsity will not be handicapped by ignorance of the regulations in the brief training season next fall.

Briefly stated the rules tentatively adopted by the committee are as follows:

1.—Removal of the 5-yard restriction on the player who receives the ball from the snap back.

2.—A requirement that seven men be maintained by the offense on the line of scrimmage.

3.—Prohibition of the flying tackle.

4.—Division of the game into four periods of 15 minutes each.

5.—No pushing or pulling of the runner to be allowed.

6.—Limitation of the on-side kick to twenty yards beyond the line of scrimmage.

If adopted permanently these changes will seriously weaken the offense. They will result in the substitution of open plays for the old mass formation, and are expected to make the game less dangerous to players and more interesting to spectators.

RELAY TEAMS GO EAST

Coach Gill has entered two Varsity relay teams for the championship relay carnival which is to be held at Philadelphia under the auspices of the University of Pennsylvania on April 30. The Illini runners are now being coached for the one-mile and the two-mile events, and if their showing in practice warrants they will contest in the eastern meet. Illinois won third in the one-mile relay championship at Philadelphia last year.

GYMNASTIC TEAM FORMED

Undergraduate gymnasts have organized a University gymnastic team which gave its first public exhibition in March. On April 8 a gymnastic team

of five men competed against Chicago in Bartlett gymnasium, and on the following night the same team was entered for the annual intercollegiate conference meet at Minnesota. In a similar competition five years ago the University secured third place.

FRESHMEN WIN AND LOSE

In their annual meets against the Chicago yearlings the Illini first year track men won the first and lost the second meet. In the University gymnasium they defeated the Maroon freshmen easily by the score of 48 to 22. At the second contest in Bartlett gymnasium Chicago won, 44 to 26. The Varsity freshmen seemed affected by the same sort of hookworm microbe that caused the downfall of the Varsity, and failed to come to their usual standard. There are many good men on the team, and Coach Gill will have plenty of material from which to draw recruits for next year's Varsity.

SOPHOMORES WIN CHAMPIONSHIP

By defeating the senior and junior teams in the annual interclass basketball tournament the sophomore five won the 1910 class championship of the University. The senior team has held the championship for two years, and was defeated by one point by the sophomores. In the final game the second year players scored 41 to 13 for the juniors.

FRESHMAN MAKE CLEAN SWEEP

The Varsity freshman basketball quintet made a clean sweep of victories in all the games played during the season. Chicago was met and defeated twice, the score being the same in both games, 26 to 11, in favor of the Illini yearlings. In the two games with Northwestern University freshmen, the Varsity understudies were victorious without much bother.

ATHLETIC ASSOCIATION REPORT

The annual financial statement of the Athletic Association, issued on February 1, shows that Varsity athletics have enjoyed one of the most prosperous seasons in Illinois athletic history. On that date the resources of the Association were approximately \$4430, and in the eighteen months preceeding, old bills amounting to \$6442.05 had been cancelled, and in addition the sum of \$4854.10 had been expended in permanent improvements.

The itemized report as presented by E. T. Ingold, graduate manager of athletics, is as follows:

Debts on Sept. 1, 1908:

Note, Champaign National Bank	\$3500.00
Due A. G. Spaulding, supplies..	2150.00
Miscellaneous local bills.....	620.00
Due Dieges & Clust.....	90.00
	<hr/>
	\$6442.05

Improvements

New athletic field and track...	\$4650.00
Office fixtures....	71.50

Permanent fence	90.00
Shed on Illinois Field.....	42.60

\$4854.10

On hand February 1, 1910....\$4430.00

The above shows that there has been a gain of financial strength of \$15,732.15 in the eighteen months intervening between the report in 1908 and the one just issued. The figures are conservative, and it is safe to say that the minor improvements made from time to time would bring the total up to nearly \$17,000.

WRESTLING REVIVES

Devotees of the wrestling game among the undergraduates have become so numerous that a number of very interesting matches was included in the first annual wrestling tournament in the gymnasium on March 19. Bouts were scheduled for the heavyweight, middleweight, and lightweight championships of the University, and there were so many entries that a preliminary set of matches had to be held.

AMONG OUR COUSINS

AMONG OUR COUSINS

The *Alumni Quarterly* will hereafter print items of news showing what the alumni of other institutions are doing. The amount of alumni enthusiasm and loyalty annually misdirected or thoroughly inhibited is incalculable. Perhaps every alumnus really wishes to do, or to give, either advice or some other useful thing, to Alma Mater. But for one reason or another we give pitifully slight indication of our desire. Some do not know what to do; others do not know how to do it; most of us have slight means with which to forward our intentions. Some who have much and talk about doing many things for Illinois, die before they decide what to do, and we mortals and the University never hear the decision. Others misdirect their zeal, and leave memorials or rumors of memorials that are proofs of error and of good intent. A few, happily, put intention into lasting expressions of affectionate regard. Each of us who has loved Alma Mater not wisely, or not well enough, or at any rate not fruitfully, may find something suggestive in the conduct of the alumni of other institutions.

F. W. S.

William Cooper Proctor offered \$500,000 to further a proposed plan for a graduate school at his *alma mater*, Princeton, with the understanding that the gift should be used in accord with the plan for which Dean West seems to be sponsor, and of which Mr. Proctor approved. President Wilson has disapproved of the plan, and on February 7, it was announced that Mr. Proctor had withdrawn his offer.

It seems more or less clear that the difficulty lies in the conflict between

President Wilson's desire for democracy and various other persons' desire for the opposite, whether it be called exclusiveness, remoteness, or aristocracy. "On the one side," says the New York *Evening Post*, "are those who find nothing to object to in the growth at our colleges of luxury and of social distinctions based on wealth. On the other side are those who look upon these developments as an evil in their immediate effect upon the young men involved in them, and as an even more serious evil in their effect upon the spirit of the place. They find the prominence of luxurious living and of the exclusiveness of wealth tending to displace learning and intellectual distinction from its natural position of dominance in the college world; and they find it subversive of the democratic ideals for which American institutions of education ought to stand."

Quite as interesting as this conflict of ideals is the question of the value of gifts with strings to them. The person who has wealth to bestow can not be blamed if he attaches conditions to the gift, but he should expect no more honor or gratitude than any other person who gives money for a specific consideration. A good many institutions are literally burdened by gifts accepted with restrictions or stipulations, sometimes material, sometimes more subtle, and insidious. Illinois is not so burdened, as yet. In the long leisure that we probably shall have before many large gifts bring the question home to us, let us see clearly that anything "given" with conditions is not given at all, but paid, for value received in gratification in one form or another.

Said the New York *Times*: "In the

will of the late J. S. Kennedy precisely the right way of giving money for philanthropic purposes was exemplified—the way which, if followed more often by rich men with generous instincts and high purposes, would not only bring greater benefits to the institutions or organizations they want to help, but would have the minor though still important effect of preventing all such ugly controversies as the one which is now shaking the very foundations of venerable Princeton and deeply grieving her unwillingly divided friends. Mr. Kennedy, having used his own judgment in selecting the objects of his benefactions, intrusted his gifts unconditionally to those under whose management the chosen colleges, societies, and the like has come to win his approval. He not only gave, but he gave outright. He did not insist on the building of any material and enduring monument to keep his memory alive; he did not assume to know as much about the details of present needs as do those who approach them as experts and professionals, and still less to decide the needs of the future and to keep a “dead hand” on the money he was to leave behind him.

The Advisory Board appointed by the president of the Alumni Association of the University of Michigan was organized on February 19. Professor Angell, president of the Board has suggested, as ends to be accomplished: The stimulation of alumni interest; the centralization of alumni influence; the dissemination of accurate information concerning the university and educational movements; and the State organization to focus alumni influence and foster intelligent public opinion about the university.

His suggestions have been printed in

full in a previous issue of *The Alumni Quarterly*.

The university authorities have on foot a plan to organize an alumni club in every county in the State, with the expectation of supplying members of these associations with printed accounts of the university's status.

Of late years the systematic policy in Yale administration has been the organization of alumni, expressed not only in the advisory council, but in the formation of alumni associations. Statistical returns of these associations for the present year, as compared with five years ago, are impressive. The total number has risen from forty-seven to seventy-three. States and sections of States to the number of thirty-one now have alumni associations, as compared with seventeen five years ago, while city associations and clubs number thirty-six, as compared with twenty at the former period, the remainder of the increase being represented by county and other local associations.

There are nine associations representing the professional schools, federation of Western clubs, and three foreign associations in China, Japan, and the Hawaiian Islands.

Thirty alumni organizations are represented in the alumni advisory board by thirty-nine members, besides seven members *ex-officio*.

Under the auspices of the General Alumni Society of the University of Pennsylvania, a class officers' association has been formed, its purpose being to advance alumni interests “by furthering the activity and organization of graduated classes, by encouraging yearly reunions, and by the compiling and publishing of class statistics; by urging the establishment of class funds, and the

erecting of class memorials; by urging the presence of classes, as a body, on alumni day, university day, and other Pennsylvania occasions; by ascertaining—when occasion demand—the opinion of graduated classes on university matters at issue, and by formulating and submitting such opinions to whom they may concern.”

About sixty delegates from classes and alumni organizations were present at the annual meeting of the Dartmouth Secretaries' Association, held February 21. The purpose of the association is to focus the interest of alumni upon the task of making the college a constant force in the lives of the graduates.

F. W. West and Mrs. West of Seattle have endowed at Stanford University a lectureship to be known as the “Raymond F. West lectureship on immortality, human conduct, and human destiny”. The lectures are a memorial to a son of Mr. and Mrs. West, a former student of Stanford University.

The library of Williams College has received a collection of four hundred volumes presented by James D. Clark, '48, composed for the most part of historical essays. Chicago alumni presented two hundred volumes, containing the complete works in the original of Chateaubriand, Corneille, Montesquieu, Racine, Rousseau, Lessing, Schiller, Goethe, and a number of Italian authors.

The permanent funds of Mount Holyoke's library have been increased by the Mary Jane Seymour fund, especially for books in American colonial history. The money, \$1,000, was left as a legacy by Mrs. Seymour of the class of 1856. A special book plate for these volumes has been printed.

Figures recently issued by Harvard, showing the number of students in attendance from various states, should interest our alumni. Some of them are: Illinois 112, Indiana 54, Missouri 54, Iowa 51, Michigan 31, Kentucky 26, Wisconsin 18. Making due allowance for differences in population, the state of Illinois is sending a much larger proportion of its young men to Harvard than is either Michigan or Wisconsin. The ratio for Illinois, Indiana, Iowa, and Missouri is nearly equal; but the populations of Michigan and Indiana are practically equal, that of Wisconsin is but one-sixth less. The ratio of Illinois students in Harvard to Illinois population is 1 to 43,049; of Michigan, 1 to 78,096; of Wisconsin, 1 to 114,947. President Lowell has said: “The institutions that are doing the most to hold their respective communities are the great State universities of the West, and we have an enormous amount to learn from them—with Wisconsin the leader, and others following close at its heels.”

It has been urged that registration from a given locality varies with the number of graduates living in such locality. That is true of Illinois as well as of Harvard, and points to one of the ways in which, individually or collectively, the alumni can help the University.

General plans for the administration building of Rensselaer Polytechnic Institute, to be erected with a fund of \$125,000 given by the Pittsburgh alumni, have been worked out and will soon be put into effect. The new building will be called the Pittsburgh, in honor of its donors. The architect will be William G. Wilkins, '77, of Pittsburgh.

Professor E. E. Salisbury, '32, of Yale, who died in 1901, endowed be-

fore his death with \$50,000 a professorship of Sanskrit and comparative philology. By Professor Salisbury's will the university was to receive in remainder, certain real estate in Boston, which, having greatly advanced in value, was recently sold for \$510,000. The university will receive the sum of about \$355,000. Under the will, one-half the income is to be applied to the salary of the professorship. The other half of the \$355,000 can be used for the general purposes of the university.

Mask and Wig Club at Princeton has started another \$50,000 fund for the benefit of the university. A similar fund begun some years ago was raised and used for the erection of the Mask and Wig Dormitory, which is now completed.

The Society of the Alumni of the Law School of the University of Pennsylvania has contributed \$50 to be used for prizes in a contest in public speaking open to law students.

Hartford, Connecticut alumni of Yale University have raised \$1,500 as a nucleus for a loan fund to help students from Hartford County.

The Mason brothers of Yale, class of 1888, have presented to Sheffield Scientific School a mechanical engineering laboratory to cost \$250,000. See "Breck" smile?

The Yale University library has received from a number of Yale graduates interested in Chinese missions a reproduction of a monument erected in China in the year 781 by the first Christian missionaries who were permitted to preach in the country under the Tang dynasty. It is inscribed with Chinese characters, giving a history of the missions and explaining the mysteries of the Christian religion. The original

stone, some ten feet high and three feet broad, was unearthed accidentally by Chinese laborers in 1625.

Alfred G. Vanderbilt, '99, has paid in an additional \$100,000 on a former subscription of \$250,000 to Yale University endowment and extension fund, the payment being in addition to \$75,000 previously made.

The Alumni Council of Johns Hopkins has authorized the publication of an official alumni quarterly, and has issued an appeal to all graduates for co-operation and support. Editorial and other arrangements for the journal will be made as soon as possible. Meanwhile, the council will communicate with its constituents through special numbers of the undergraduate weekly, the *News-Letter*.

The University of Michigan is to receive gifts aggregating \$20,000 from R. P. Lamont, of Chicago, a member of the class of '91. One gift, representing \$17,000 is a deed of land directly east of the observatory, bordering upon the arboretum. Mr. Lamont has also furnished additional funds to start the construction of a 24-inch refracting telescope, upon which work will begin immediately. He has already given a large sum toward the 37-inch reflecting telescope which is progressing toward completion.

Among new items appearing in the catalogue, of Rutgers College is the John Oliver Herbert memorial fellowship, established by John W. Herbert of New York of the class of 1872, the income to be awarded annually to a senior "as a result of competitive examination coupled with regard to excellence of general qualifications and with respect to the college standing of the competitors." The holder will have one year

of graduate study at the college.

Three associations of Rutgers alumni have been organized within a year, that of Southern California, with headquarters in Los Angeles; the Alumni Association of India, and the Rutgers Club of Cleveland, Ohio.

In the fourth annual report of Dr. Henry S. Pritchett, president of the Carnegie Foundation, much space is given to the subject of advertising. One paragraph relates especially to the participation of the alumni in giving publicity to colleges and universities.

"Still more far-reaching and influential is the advertising habit in affecting the organization of the university and its attitude to its own alumni and to

the public. Most advertising is indirect. Representatives of the University travel over the country and meet the pupils in secondary schools. University professors are sent on long journeys to meet possible students. The alumni are organized into groups which in large measure drop the natural and desirable social relations of alumni and become what are known in the West as "booster" clubs, their real reason for existence being to bring students and money to their university."

All of which, it seems, he finds deplorable. It would be idle to deny Dr. Pritchett's possession of the impetuous courage typified in Don Quixote, but certainly this is one windmill that he might just as well let alone.

THE ALUMNI

ALUMNI DAY

Certain vital questions will come up for discussion at the annual meeting of the Alumni during commencement week this year and it is especially important that all who can possibly do so attend.

This has been a prosperous year in the business world, and the old excuse of hard times can not be offered. Two or three days can be spared by anyone and it will be time well employed. There are hundreds of older graduates who have but little interest in these annual gatherings, who seldom visit Champaign, and who have but the faintest conception of what the University of Illinois is today. I plead with all these to join us this year. Let everyone who has been a student at the University feel that it is a duty as it should be a positive pleasure to attend these yearly gatherings.

President James and Dean Clark assure us that the cost of living is no higher (how could it be?) in Champaign than elsewhere, that there are plenty of garages for the storing of automobiles, and that a field will be provided for all alumni aviators where they may take their daily soar and where they may tether or hobble their aeroplanes at night. By train, by automobile, or by aeroplane, we are going to expect you and if you are late you will be put on squad drill.

JOHN E. WRIGHT

President, Alumni Association

CLASS SECRETARIES

A glance at the news of the various classes in this issue of the *Quarterly* will indicate to what extent the class secretaries have done their work. The editor of the *Quarterly* has done his

best to gather news from all quarters, and sent out announcements in adequate time to all the class secretaries. From some of these he has received replies which indicate that they think it is his business to get all the class news and not theirs to help. If the *Quarterly* is to subserve the purpose for which it was established, it will be only through the cooperation of a large number of people,—some of them very busy. The work can not be done by one man and especially by a man whose days and nights are as full as are those of the acting editor. A number of secretaries have promised to send news who have not sent it. It is up to the class to stir their lagging interest.

THE ADVISORY BOARD

The committee appointed last year to consider the advisability of creating an Alumni Advisory Board for the University presented an exhaustive report at the annual meeting of the Illini Club of Chicago on January 18. Briefly stated, the sense of the report was, that the President of the Illini Club appoint a new committee to formulate a definite plan for organizing, operating, and perpetuating a National Union of Illinois Alumni. The organization is to include all existing local organizations, and also, if practicable, the unorganized alumni.

The recommendation of such a plan was arrived at after several months of investigation and study of existing alumni organizations. Many alumni voiced their opinions in regard to the matter at the hearings of the committee, and members of the Chicago Illini Club assisted in securing the collection of data bearing upon existing plans. The fact that Illinois graduates are the

first to consider the formation of an alumni advisory board for a state university, made the task of the committee the more difficult.

Prefacing the report are sketches of the alumni organizations of Harvard, Yale, Johns Hopkins, and Princeton Universities. Since 1650 the Harvard Corporation has included five Fellows. The active management of the University is in the hands of the corporation, but the acts of the corporation are subject to the veto of a Board of Thirty Overseers, which since 1865, has been composed of graduates of the University of five years' standing. The overseers are elected by the votes of the alumni on Commencement day in Cambridge.

An Alumni Council of sixteen graduates has general supervision of the management of Johns Hopkins University. At the annual meetings of the Council the president and treasurer of the University must submit a report setting forth its general and financial condition. The object of the Council is to make suggestions and recommendations upon any matter which it feels may benefit the University, and to keep in touch with the graduates. It may also appoint committees to inspect and report upon the condition of the various departments of the University.

Yale University has an Alumni Advisory Board formed of representatives from various alumni associations. Each society with a membership of one hundred or more is entitled to one delegate on the Board, twenty-six associations being thus represented at the present time. The principal officers of the University are ex-officio members, and the annual meetings are held at New Haven at commencement time. The Yale Corporation submits to this Board questions on which the advice of the graduate is desired, and the Board has

the right of presenting recommendations of its own initiative to the Corporation.

Princeton's graduate council is composed of one representative from each of the thirty-five classes last graduated, and of fifteen members at large, elected by the Council itself. It is divided into committees, each having charge of some one definite duty. The alumni, through the Council, have the initiative with regard to the use to be made of the funds they contribute to the University. There are similar committees on class records, publicity, preparatory schools, alumni associations, and undergraduate activities. The Council meets twice a year.

The recommendations of the Illini Club committee are printed in full: (1) Your Committee is of the opinion that inasmuch as the University of Illinois was created and supported by the state, that under the existing laws there is no opportunity for a participation of the alumni in the active control or management of the University as is done at Harvard.

(2) That if "Alumni Advice" is to be effective at the institution it must be through invitation of the University authorities, trustees, or faculty.

(3) That no Alumni Board can be permanent or effective without the support of a more compact organization of alumni than exists at present.

(4) Your Committee is of the opinion that the success of our Illini Club and a dozen or more kindred local organizations is proof of the fact that men and loyalty are not wanting, and that the time is ripe for a compact and effective amalgamation of the local Alumni Clubs, represented by a select Committee or Commission, having the broad object of advancing the University interests, in such manner as it may. The possible activities will multiply as

the organization develops permanence and strength. Your Committee begs leave to be discharged.

(5) It is the opinion of your Committee that the organization should be national in its scope, for many of our most loyal and powerful alumni are without the borders of the State. A Commission, however, approximately based on the geographical distribution of the alumni will doubtless secure a membership sufficiently compact to be easily workable.

(6) It is the recommendation of this Committee that the president appoint a new Committee, with instructions to thoroughly consider the ways and means, and formulate a plan for organizing, operating, and perpetuating a National Union of Illinois Alumni, including all existing local organizations, and also, if practicable, the unorganized alumni; with the especial object of promoting University interests; and that it report the result of its labors to the Illini Club.

In closing its report your Committee would remind the alumni that it is not requesting the succor of a decadent institution. We are fellow alumni of a university whose rapid strides have been surpassed by none. Her recent unparalleled success has not been an accident; it is directly traceable to a few men, ably supported by others. It is easy to tear down, but hard to build, and the caution of the alumni in placing their shoulder to the wheel should be in proportion to the success that has attended the efforts of the few.

The Committee desires to express its thanks to the many alumni who have attended its meetings and assisted in counsel and discussion; also many members of the Illini Club who have greatly assisted by correspondence and the collection of data bearing upon existing plans.

Respectfully submitted,
W. A. HEATH, '83, *Chairman*,
CHAS. B. BURDICK, '95, *Secretary*,
GEORGE R. CARR, '01,
F. S. GREENE, '91,
F. J. POSTEL, '99,
G. T. SEELY, '99,
FRANK B. LONG, '87,

Committee.

January, 18, 1910.

COMMUNICATION

To the Alumni of the University of Illinois:

The committee appointed under resolution of March 30th, 1909, of The Illini Club of Chicago, "to investigate the desirability of the creation of an Alumni Board of Control" for the University of Illinois, states in its report, as set forth in The Illini Club Bulletin, that

"1. Your committee is of the opinion that inasmuch as the University of Illinois was created and is supported by the State, that under existing laws there is no opportunity for a participation of the alumni in the active control or management of the University as is done at Harvard."

I wish to comment on the foregoing paragraph by referring to the Statutes of Illinois, Ch. 32, Par. 65, Sec. 1 of the Act of Corporations, which provides

"that ellemosynary or religious corporations for educational purposes acting under the general law or by virtue of special charter are authorized to change the time and manner of electing the trustees, and to allow the alumni of said corporations to vote in the election of the trustees or a part thereof:"

Should the Alumni of the University

of Illinois at any time desire to have some voice in the management of the University, I submit that they may take the needed action to avail themselves of all the express and implied rights contained in that clause of the Statute.

Respectfully submitted,

R. E. SCHREIBER, '04

Chicago, March 26, 1910

1012 Fort Dearborn Building

UNIVERSITY CLUB OF ST. LOUIS

The University Club of St. Louis had a meeting on the evening of February 26. At this meeting the following officers were elected: president, William A. Reiss, Belleville, Illinois; vice-president, Otto Weimer, care of The Wagner Electric Company, St. Louis, Missouri; secretary-treasurer, Louis Metzger, 2650 Accomac street, St. Louis, Missouri. L. M. Little and Dr. Heber Roberts were made members of the board of directors. The club had an enjoyable meeting. Suggestions were presented as to how to increase the attendance, and how to make the meetings more attractive.

PITTSBURG ASSOCIATION

With the coming of spring the Pittsburgh Alumni Association, which has hibernated during the winter, is beginning to show evidences of life. The executive committee meeting has been called, and there is some likelihood of having an annual banquet this spring. Attempts have previously been made, but have always been abortive, because of postponements, or some reason or another. Mr. and Mrs. C. A. Gunn, who have been active in the association, have gone to New York to live. Mr. E. K. Hiles is serving as secretary and treasurer. The association is likely to be heard from in the next issue of the *Quarterly*.

THE NEW YORK ALUMNI

The following account of the doings of the New York Alumni is sent by the secretary of the association, W. H. Rothgeb.

The University of Illinois Alumni Association of New York has had two meetings since the last issue of the *Quarterly*. On January 20, we had the pleasure of entertaining Professors Baker and Talbot of the University at the Transportation Club, Hotel Manhattan, through the courtesy of our vice president, Alfred Felheimer. It was an enthusiastic Illinois meeting in every respect, and a number of old graduates turned out. Among those present were: E. L. Abbott, '83; E. I. Cantine, '81; J. J. Cushing, '77; Lincoln Bush, '88; William A. Baring, ex-'83; Charles G. Armstrong, ex-'83; D. B. Carse, ex-'84; and Dr. William McMurtrie. It is needless to say that we enjoyed the talks of our visitors about the University and its marvelous development, and we should appreciate knowing when any Illinois Faculty members intend to be in New York.

Our second meeting, held February 28, at Ferard's restaurant, 30 Lexington avenue, was attended by twenty-six members. It is interesting to note that only seven of these men were present at the preceding dinner. C. L. Krabbs, '90; J. Allen Patten, '88; Grant Gregory, '87; Hugh Hazelton, '90; are examples of some of the faces that appear too infrequently at our gatherings. Should any New York alumnus read this we hope his conscience is clear. At present we are making plans for our annual dinner to be held some time in April at one of the leading hotels.

MILWAUKEE ALUMNI ORGANIZE

University graduates who are now living in Milwaukee, Wisconsin, and vicinity, met on the evening of January

29 and organized the University of Illinois Association of Milwaukee.

Over thirty Illinois graduates and former students have been found in the Wisconsin city, and of this number, twenty have already affiliated with the organization.

The Association has adopted the plan long followed by the Illini Club of Chicago, of holding luncheons at certain stated intervals. The men have already met at informal dinners, followed by smokers, at the Hotel Charlotte, on the last Saturdays of January, February, and March, and similar meetings are to be held on the last Saturday of each month. S. Y. Hughes, ex-'04, and N. C. Woodin, '04, together with several other Illini, had been meeting together informally since last September, and the organization is the outgrowth of these meetings. Officers of the new club are:

President, G. R. Radley, '00; Secretary-Treasurer, W. M. Mansfield, '09.

Members of the new Association are G. R. Radley, '00; N. Wilkinson, '02; C. E. Mead, '04; S. Y. Hughes, ex-'04; K. G. Smith, '05; R. S. Strong, '06; H. E. Kahlert, '08; J. W. Shaw, '08; J. E. Wolf, '09; P. Burke, '09; W. H. Burch, '09; P. M. Johanning, '09; W. M. Mansfield, '09; J. Schroeder, '08; J. J. Bradley, '07; J. H. Marshutz, '98; J. A. Mesiroff, '99; C. G. Lawrence, '99; and Paul Dickie.

PORTLAND ALUMNI ASSOCIATION

The Portland Association meets every Monday noon at luncheon at the Hazelwood Cream Store, Washington street, Portland.

INDIANA ALUMNI

Plans are being made at Lafayette, Indiana for the formation of an Indiana state association of Illinois alumni. Invitations have been sent out to Illinois people all over the state to a ban-

quet to take place at Lafayette on the evening of April 2, 1910. The arrangements are in charge of the local alumni of Lafayette, with whom the movement originated. A local association was formed in January with C. C. Austin, '07, as president, and A. H. Daehler, '08, as secretary. There are about a dozen former Illinois students at Lafayette, of whom four, A. P. Poorman, '07, C. C. Austin, '07, W. A. Knapp, '07, and A. H. Daehler, '08, are members of the instructional corps at Purdue University.

Since it was impossible on account of the imperfect state of the records to reach all the former Illinois students in the state, especially those who did not graduate, it is desired that those who received no notice of the meeting communicate at once with the secretary of the Lafayette association.

INTER MOUNTAIN ASSOCIATION

The first meeting of the Alumni in Salt Lake City and vicinity was held October 2, 1909. Wesley E. King, '97, was elected president; E. O. Lee, '78, vice president; George C. Bartells, jr, '08, secretary and treasurer; and W. H. Gregory, '06, corresponding secretary. The organization was not perfected until November 6, at a banquet held at the Moxam Hotel. There were fifteen men present, two of them from out of town points. The name of the organization, as adopted at that time, was, The Inter Mountain Alumni Association of the University of Illinois. Since that meeting, Thursday luncheons have been held at the College Inn. These have been popular and well attended. On January 29, ten or twelve of the boys had a theatre party, and a feed afterwards, at the College Inn. The next meeting of the association was held in the office of the American Surety Company, in the Boston Building, on

March 29, 1910. Mr. King is the Salt Lake manager of this company. There is some talk of organizing an Illinois baseball team later in the season, and no doubt there will be another theatre party soon.

UNIVERSITY OF ILLINOIS ALUMNAE
ASSOCIATION

The following communication has been received from the secretary-treasurer of the Illinois Alumnae Association. Readers of *The Quarterly* will be interested in what she has to say:

We pride ourselves on being the original and only alumnae association of the University of Illinois. If we are mistaken, will our sister organizations please speak up so that we can come off our pedestal and eat humble pie. We are eager to do this just for the sake of a little friendly exchange of ideas. We are willing to discuss anything from silk samples to woman's suffrage, but of course, first and foremost we should like to talk about our days at Illinois.

We have been continuing the series of monthly luncheons which proved so successful last year, most of them being held in the attractive rooms of the Chicago College Club. The members welcome this opportunity of renewing old acquaintances and forming new ones. Through our membership in the Illinois Federation of Women's Clubs we hear of all the good work that is being done by other organizations of women, but our limited scope and lack of funds, prevent us from taking any active part as an association. We wish that all the alumnae of Chicago and vicinity would come and break bread with us, and see what good times we have. We need them and believe that they need us.

The officers are the same as last year: Mrs. Loretta Elder (Robinson),

President; Mrs. P. Junkersfeld, Vice-President; Sophie Hyde, Secretary-Treasurer.

CHICAGO CLUB GROWING

The Illini Club of Chicago which started existence with a membership goal of five hundred has long passed that mark, and the officers are now directing a campaign to increase the enrollment to twelve hundred men. S. T. Henry, '04, is in charge of the movement and is meeting with an encouraging response. With this many members the Illini Club will probably be the largest single organization of college men in one city in the country.

LIBRARY SCHOOL ALUMNI ASSOCIATION

The Illinois Library School Alumni Association has secured for their Alumni lecturer for 1909-10, Miss Margaret Mann, Chief Cataloger of the Carnegie library of Pittsburg.

Miss Mann was closely identified with the School in its early history, entering with the first class in 1893 at Armour Institute and being an instructor in the School from 1897 until 1903. Her most notable achievement was her course in United States Public documents which she originated and gave in this School fully two years before such a course was introduced or taught anywhere else.

Miss Mann was also assistant librarian of the University library and cooperated with Miss Sharp, the librarian, in the reorganization of the library in 1897 and in laying the foundation for the present system.

SOUTHWESTERN ALUMNI ASSOCIATION

The Annual Dinner of the Southwestern Alumni Association of the University of Illinois was held at the Coates House in Kansas City, Missouri, on Thursday evening, March 24, 1910, at

7 o'clock. Thirty-eight persons were present, many of whom had not attended a previous meeting of this association. There were eight '09 men present, six of whom were from the Department of Civil Engineering.

Judge McCune, the president, was called out of town shortly before the meeting and could not be present. In the absence of the president, Mr. A. B. Colton of the class of '81, was drafted to act as toastmaster. Toasts were responded to as follows: "College Fellowship," D. C. Ketchum, '99; "University Extension," Mrs. George M. Siemens, special, '87; "Breaking In," George D. Beardsley, '09; "The University," Honorable Oliver A. Harker, Dean of the College of Law, University of Illinois. Dean Harker pointed out the wonderful material development made by the University of Illinois within the last fifteen years, and compared the development of the University with that of similar institutions in the central west. He also emphasized the work that is being done at the University in perfecting and extending the work of the various departments. There are a number of graduates of the College of Law in Kansas City, and it was a great pleasure to them to see, talk with, and listen to the Judge.

After the program of the evening was completed and college songs had been sung and college yells given the following officers were elected for the ensuing year: President, H. L. Nicolet, '86; Vice-President, Dr. Avis Smith, '77; Secretary and Treasurer, D. C. Ketchum, '99, '04.

LUNCH IDEA SPREADS

Cards have been received from the U. of I. Noonday Lunch Club, of Seattle, Wash., announcing the Club's intention of meeting on the first Thursday of each month during 1910 at an informal luncheon. Many alumni clubs

are now following this excellent plan, and more are adopting it every year. To equalize convenience in attendance the Seattle organization will hereafter hold its meetings in rotation in different parts of the city. Members of the committee in charge of the luncheons are W. T. Butler, ex-'92, C. H. Shamel, '90, and C. E. Bogardus, '83.

CHICAGO ILLINI HOLD ANNUAL MEETING

The annual meeting of the Illini Club of Chicago in the new University Club of that city, on the evening of Tuesday, January 18, was probably the largest and most enthusiastic gathering ever held in Chicago or any other place by University alumni.

Over 400 of the members of the club were present, and the University faculty was well represented by Dean Thomas Arkle Clark, '90, George A. Huff, ex-'93, Dean David Kinley, and Colonel E. G. Fechet. Other distinguished guests were Homer A. Stillwell, '84, president of the Chicago Association of Commerce, City Health Commissioner Evans, and C. A. Kiler, '92, of Champaign.

Members of thirty graduating classes, alumni from up-state towns in Illinois, and members of the faculty united in Varsity songs and yells, and in the transaction of business of importance. There was only one note of sorrow beneath the joyousness that seemed to reign, and that was caused by the death of John Farson, one of the vice-presidents of the Club. Mr. Farson's demise occurred on Tuesday morning, and at the meeting of the Club, Wesley Mahan, '81, one of his class-mates, paid a glowing tribute to his memory.

A committee headed by W. A. Heath, '83, reported unfavorably on the advisability of asking the next legislature to create an advisory board composed of and elected by alumni to act in conjunction with the board of trus-

tees. However the plan has many supporters, and its friends in the movement for it may eventually lead to the creation of such a board.

Charles A. Kiler, '92, president of the Champaign Chamber of Commerce, representative of the Illinois Union, told of plans to solve the fraternity problem, that of too boisterous celebrations of athletic victories, and other puzzlers for school authorities. The union hopes to establish a system of student government which will accomplish what other agencies have failed to bring about. It is also planned to build a \$200,000 club home on the campus.

A letter from President James was read announcing this the greatest year in the history of the university, yet only the beginning of what is projected.

Col. E. G. Fechet, commandant of the University regiment, told of the growth of his department from 275 uniformed men ten years ago to almost 1,600 registered last fall.

Other speakers were Homer A. Stillwell, '84, president of the Association of Commerce; T. C. Phillips, retiring president; Dean Thomas Arkle Clark, Dean David Kinley of the graduate school, and George Huff, director of athletics.

The new officers elected are:

President—James P. Beck, '07.

Vice-Presidents—W. A. Heath, '83; Dr. C. E. Humiston, and Dr. Charles E. Jones.

Secretary—Edward Corrigan, '06.

Treasurer—Ralph C. Llewellyn, '06.

Directors—T. C. Phillips, '00; E. W. Wagensell, '05.

George E. Pfisterer acted as master of ceremonies.

SCHOOL OF PHARMACY ASSOCIATION

At the annual meeting of the Alumni Association of the University of Illinois School of Pharmacy held at the School Building on the evening of

March 24, the following officers were elected for the year:

President, George P. Mills, '84, Evanston, Illinois

First Vice-president, C. M. Snow, '02, Chicago, Illinois

Second Vice-president, Miss Frances E. Wells, '05, Chicago, Illinois

Third Vice-president, B. J. Chvala, '04, Chicago, Illinois

Secretary-Treasurer, A. H. Clark, '04, 74 E. 12th St., Chicago, Illinois

Historian, Miss Charlotte E. Stimson, '00, Chicago, Illinois

The executive committee was elected as follows, the above named officers ex-officio:

A. W. Baer, Chairman

E. N. Gathercoal

H. A. Langanham

David Swanson

W. B. Day

L. E. Halperin

ILLINOIS CLUB OF WASHINGTON, D. C.

The annual dinner and business meeting of the University of Illinois Club of Washington, D. C., was held at the Tea Cup Inn, 1623 H street, N. W., Saturday evening, April 2, at 8 p. m.

During the past winter the club has been successively entertained by Miss Sarah Ambler, '00, Miss Sarah Abbot and Mrs. Abbot, formerly a trustee of the University, and by Miss M. Alice Matthews, '04. These meetings were well attended and thoroughly enjoyed by those present.

The monthly dinners which occur the first Monday evening of each month at the Tea Cup Inn, have not been largely attended, but a number of small parties have made these informal dinners very pleasant affairs. The Tea Cup Inn is the former home of the historian, George Bancroft, and these dinners are usually held in the room where he did much of his writing. Dinner is very

palatable however, and no liquid refreshment is served.

The secretary of the club asks that any of the alumni who chance to visit Washington, and who care to meet some of our members while here, if they will notify the secretary of their wish, members of the local club will try to make their visit a pleasant one. The secretary would also like to get in touch with the new people from the University who come to Washington to work or make their homes.

SOUTHERN CALIFORNIA ASSOCIATION

The University of Illinois Association of Southern California held its annual banquet on the eleventh floor of the Wright & Callender building, Long Beach, California, on the evening of Founder's Day, March 11, 1910.

Forty-nine former students and their friends attended the banquet which was presided over by Norman F. Marsh, '97, as toastmaster. Professor J. D. Crawford, for many years connected with the University as professor, was the chief speaker of the evening, devoting his talk to reminiscences of the days prior to 1893. Mrs. Crawford also favored the gathering with a reading. Among the other speakers were J. J. Seymour, C. O. Scudder, Ed Baker, members of classes way back in the seventies, also F. L. Drew, Arthur E. Paine, F. H. Lloyd, W. H. Houser, Charles A. Elder, and others. Mrs. M. S. Robbins read a letter from H. F. Jones and Emma Jones Spence, sending regrets because of their inability to be present. Mrs. H. D. Rodgers sang a solo and in response to an encore gave the Illinois Loyalty song. Officers for the ensuing year were elected as follows:

President, J. J. Seymour; Dean of the graduates, L. D. Brode; dean of the undergraduates, George H. Moore; reg-

istrar, R. H. Morse; treasurer, Mrs. N. F. Marsh.

University pennants, pins and colors were very much in evidence, and a pleasant time was enjoyed after the banquet.

The association held a picnic last October at Laurel canyon, a beautiful place in the foothills near Hollywood. Mountain climbing and an evening lunch in a delightful old inn were among the features of this gathering.

THE PUGET SOUND ALUMNI ASSOCIATION

The Puget Sound Alumni Association held its annual banquet at the hotel Butler Annex, Saturday evening, March 12, 1910. There were sixty present and an exceptionally good time was enjoyed by all, due to the pains taken by the committee on arrangements, W. T. Butler, '92, and L. H. Provine, '03.

W. H. Bringhurst, '82, president of the association, presided as toastmaster. Judge J. W. Langley responded to "Founding of the University". He was a member of the state legislature, a resident of Champaign and did a great deal of work in behalf of getting the University started. His remarks were very interesting especially to those who knew nothing of that period. A few of the various members were called upon to tell of conditions at different stages of the University's development, H. C. Estep, '72, W. B. Chandler, '76, J. W. Jones '04, Ralph Hawley, '07 I. A. Hill, '99. Mrs. Lucia Brumbach (Bogardus), '90, represented the ladies by a toast to "The Ladies".

The Tacoma members invited the association to meet at Tacoma next year. The officers elected for the ensuing year are:

President, R. J. Davis, '83; Secretary and Treasurer, Mrs. Jane Castner; First Vice-president, J. H. Gordon, '01;

Second Vice-president, W. T. Butler, '92.

It was decided to have a vice-president elected in every city in the state where there are a few members, in order to bring a closer bond between the members in Washington. After the banquet college songs were sung and old times talked over. A general good time was had, the older and the new members becoming acquainted. Those present were: H. W. Bringham, '82; Delia Zith Bringham, '84; L. H. Province, '03, and wife; K. N. Gilstrap, '10; Mrs. Gertrude F. Hess, '04; Edith Page Bennett, '00; Cyrus W. Butler, '74; Mrs. Kate Sterling, '76 and son; H. C. Estep, '74; J. W. Langley; Edith Peterson; G. M. Savage, '80, and wife; I. A. Hill, '09; James W. Hill, '09; W. T. Butler, '92; Margaret Philbrick (Butler), '92; Sarah M. Hummel, '07; C. H. Shamel, '90; W. D. Chandler, '76, and wife; S. F. Bullard, '86, and wife; F. E. Mills, '05; C. E. Bogardus, '83; Lucia Brumbach (Bogardus), '90; Nellie Page (Whitham), '77; Robert Whitham, '77; Ruth Whitham; Ralph Hawley, '07; L. H. Mueller, '07; Lelia Bullock, '08; C. B. Gibbons, '08; J. R. Nevins, '08; C. K. Bliss, '08; Adella Clendenen Bliss, '08; Adah Stutsman (Luther), '03; Otto L. Luther, '02; J. W. Jones, '04; R. J. Davis, '83, and wife; Jessie Estep, '78; A. P. Hueckel, '08; Clarabella Cook Hueckel, '06; Henry Drum, '83, and wife; J. K. Whitmore, '83, and wife; Carl H. Hoge, '09; H. M. Adams, '08; Ethel M. Bushnell, '08; H. L. Bushnell, '08; R. J. Devine, '10.

ILLINOIS CLUB OF COLORADO

The annual meeting of the Illinois Club of Colorado was held at the Auditorium Hotel, Denver, February 11. All joined in heartily in singing the University anthem, accompanied by the

orchestra procured for this occasion, just before sitting down. Illinois, Our 'Varsity, That's the Way at Illinois, and others were sung between courses. I. G. Harmon (Blondie) led the yells. A University of Colorado banquet was in progress in an adjoining room and yells were exchanged several times.

The history of our Alma Mater was set forth in toasts by the following persons; Senator J. F. Drake, '76; Justice M. E. Corson, '73; Mrs. Harriet N. Armstrong; John B. Garvin, '86; Charles D. Vail, '91; Dr. H. R. Stillwill, P. & S., '01; and O. A. Craig, '09.

A. J. Reef, *ce.*, '04, was elected president; Mary E. Ivers, vice-president; and Dr. H. R. Stillwill, '01, secretary-treasurer for the coming year. The gratifying success of the banquet was due to the efforts of H. J. Burt, the retiring president.

Others present were: J. J. Ivers, '74; Dorothy Gunn; H. J. Edbrook; Mrs. Bertha Craig; M. K. Jordan, '09; F. M. Eagleton; Mrs. Mabel (Gould) Lazier; A. J. Wharf, '08; W. M. Morgan, '07; Mrs. A. J. Reef; Mrs. Emma L. Garvin; O. A. Craig, '09; Helen R. Morgan; R. C. Pierce, '07; Mrs. Florence E. Chedsey; Mr. Chedsey; R. P. Bates, '06; and C. C. Williams, '07.

NEBRASKA ALUMNI BUSY

Alumni of the University, residing in Lincoln, Neb., are considering a plan for the organization of a Nebraska Alumni Association to include every Illinois graduate in the state. John L. Pierce, '74, is at the head of the movement, and expects the Lincoln alumni to get together soon to take the initiative in the formation of a permanent organization.

OBSERVE ANNIVERSARY

The class of 1885 of the University School of Pharmacy will celebrate its

twenty-fifth anniversary at the alumni banquet in Chicago on Thursday evening, April 28. The class of '85 was the largest that had graduated from the School of Pharmacy up to that time, and the first class to graduate from the then new building on State Street. Of the sixty-two members of the organization, the Committee has the addresses of forty-six, many of whom have signified their intention of attending the anniversary celebration.

ILLINI CLUB BULLETIN

The Illini Club of Chicago has added yet another to the many activities in which it is engaged. On March 1 appeared the initial number of *The Illini Club Bulletin*, an eight page pamphlet which the club will publish monthly, and which is to be devoted to the interests of the organization, and indirectly to those of the University. Aside from containing a number of news notes of alumni in Chicago, the Bulletin contains the constitution and by-laws of the Club, and a copy of the report presented by the committee that has been investigating the desirability of a general alumni board or council for the University. Avery Brundage, '09, is editor of the publication.

In explaining its purpose, the Bulletin says the following:

"With this number the *Illini Club Bulletin* makes its initial appearance. The idea of issuing a monthly publication of this kind for distribution among the Chicago graduates and former students of the University of Illinois has been under contemplation by the Executive Board for some time. It was felt that there was need of a medium of this character to communicate interesting news to the great body of Illinois men in this city, to keep them in touch with one another, with the affairs of the Illini Club, and with the University.

It will be the purpose to publish in this little pamphlet hereafter whatever of interest may arise with no very definite policy in view."

ALUMNAE ATTEND

The University was represented by two alumnae at the regular business session of the Womans Collegiate Alumnae Association of Los Angeles, in that city on March 12. Illinois representatives were Miss Barlie Thomas, '81, of Hyde Park, Chicago, and Mrs. Margaret E. Robbins, '75, of Los Angeles. Sixty collegiate alumnae attended the meeting which was held in the rooms of the Young Women's Christian Association.

ALUMNI ATHLETES SCORE

Avery Brundage, '09 and E. F. J. Lindberg, '09, former members of the Varsity track squad, were among the point winners at the annual indoor field and track championship games of the Central A. A. U. in Milwaukee, March 12. Lindberg came within two-fifths of a second of tying the world's record in the quarter-mile run, making the distance in 51 1-5, and winning first place. Brundage secured third place in the shotput. Both men were running for the Chicago Athletic Association.

PHARMACISTS REGISTER

At the January examination of the Illinois Board of Pharmacy, E. E. Luken, '08, F. H. Ruecker, '07, Hugh McCaslin, '06, and J. E. Sisk '09, were granted certificates as registered pharmacists.

STATE LIBRARY ORGANIZER

The Illinois Library Extension Commission has appointed Miss Eugenia Allin, *lib*, '03, to the new post of state library organizer. Miss Allin entered upon her new duties on March 1, hav-

ing resigned her position as librarian and instructor in library science at James Milliken University, Decatur, Ill., to accept her new office. Her duties will consist of giving advice or information to the librarians or trustees of Illinois public libraries, assisting in the promotion of new libraries, and having charge of the traveling libraries provided by the same act that created the Library Extension Commission. Until June Miss Allin's offices will be in Decatur, and then they will be moved to Springfield.

DR. DRAPER RE-ELECTED

The following clipping from a recent issue of the Albany, New York *Journal* indicates that Ex-President Draper has again shown his ability to make good in whatever position he assumes:

In the tense feeling over educational unification six years ago, the large question was as to the manner of the election of the proposed commissioner of education. Finally the law provided that the commissioner should at first be chosen by the legislature for a term of six years and then by the regents for an indefinite time. The legislature elected Dr. Andrew S. Draper, formerly state superintendent of public instruction, who had then for ten years been president of the University of Illinois, and his acceptance was the satisfactory outcome of a troublesome situation. The original term of the commissioner expiring April 1, 1910, Dr. Draper was re-elected by the regents today. The election was by ballot and every vote was for the present commissioner, as all expected, for no one else has been thought of either outside or inside of the board.

COMMENCEMENT

So far, it has been impossible to secure any definite information with regard to

the exercises of Commencement week. The editor of the *Quarterly* has sought information diligently from the chairman of the Commencement Program Committee, and from the President's Office, but has elicited no information. The Alumni Association Committee will look out for the luncheon, and will attempt to have it more satisfactory than it has been in the past. The senior class is making elaborate preparations for Class Day, and it is certain that there will be a Commencement speaker, though his name has not yet been given to the public. The campus never was more beautiful than it now is. The towns are safely dry. It is likely that the honor class of '85 is making definite preparations for an appropriate celebration. Here's hoping that there will be a good representation from all the classes, and that the Commencement of 1910 will be one to look back to with delight.

OBITUARIES

JAMES NEWTON MATTHEWS

Dr. James Newton Matthews, the first matriculant of the University and one of the most prominent of the earlier generation of graduates, died at his home in Mason, Illinois, on March 7. He had long been subject to attacks of heart weakness, but his condition did not become serious until the day before his death.

Dr. Matthews was born in Putnam County, Indiana, May 27, 1852. When he was six years of age he came with his family to Effingham County, Illinois, and settled near Mason where he resided during the remainder of his life. He was graduated from the University with the first graduating class in 1872, and six years later he received a degree from the Missouri Medical College, of St. Louis, Mo. Immediately after finishing his course in the medical college

he entered upon the practice of his profession at Mason. He was married twice, the first time to Mrs. Luella Brown, of Madison, Indiana, on June 2, 1878, who preceded him in death, in 1894, and the second time in 1896 to Miss Madeline Wright who survives him. Three sons also survive.

In the community in which he lived Dr. Matthews was long known as the leading citizen. As a country physician he was in a position to minister to the wants of both rich and poor, and that he made generous use of his opportunities was evidenced by the attendance at his funeral of practically all the people of Mason and the surrounding countryside. The funeral service was held in the Christian church of Mason, on Friday after his death. Rev. R. F. Mallott, a lifelong friend of the deceased, of Gifford, Ill., was the officiating clergyman, he being assisted by Rev. J. F. Burke of Mason, and Rev. F. N. Warren, of Centralia.

Despite his pressing duties as a physician Dr. Matthews found time to devote himself to literary work. In the writing of poetry he showed a rare talent that made him known far beyond the circle in which he lived. During his undergraduate days at the University he became a careful reader of the best literature of his day, and it may have been partly due to this characteristic, that he later became the author of a number of delightful poems and interesting contributions to the newspapers and magazines.

In 1888 there was published a volume of his poems entitled "Tempe Vale and Other Poems," and three years later there appeared a second book from his pen on "Poems by Alonzo Hilton Davis, with Memoir." Both volumes have enjoyed a wide popularity, and both displayed ability and talent.

During his student days at the Uni-

versity Dr. Matthews took a leading part in undergraduate activities. He was one of the first members of the Philomathean Literary Society, and also of the Delta Tau Delta fraternity. In later life he became the recipient of many honors in the way of offices from medical and literary organizations. He was one of the founders and vice-president of the Western Association of Writers, and a member of the Esculapian and the Illinois State Medical Societies. For twelve years he was president of the Board of United States Pension Examiners, at Effingham, Illinois.

Dr. Matthews was known in the community in which he has lived so many years, as a man of the highest character and of deep religious principles.

JOHN FARSON

John Farson, ex-'77, died at his home in Oak Park on January 18, after a very brief illness. Mr. Farson was born October 8, 1855, at Union City, Indiana. He was educated in the public schools of Champaign, Illinois, and later entered the University of Illinois, where he was a student for two years. Being forced to support himself he left college, and in 1881 went to Chicago, where he organized the business firm of Farson, Leach & Company. He soon became one of the leading figures in Chicago business affairs, and has for years been known as a successful business man. One of his intimate friends speaking of him on the day he died said that no man was ever more loyal to his friends than John Farson. The young fellows, whom he knew as a boy, no matter whether they succeeded or not, he counted as his close friends to the day of his death. He was always interested in the growth and progress of the University, and he did much in certain crises to help it along.

He will always be named among its most loyal Alumni.

DARLEY HOWSE (PHILLIPS)

Mrs. Darley Howse (Phillips), *la*, ex-'96, wife of J. D. Phillips, '93, died at DeLand, Florida, January 11, 1910, where she had been for some weeks with the hope of recovering her health. Mrs. Phillips was born in Champaign, and was married to J. D. Phillips, August 27, 1894. She was the mother of three children, only one of whom Wendell, a boy of ten years, is living. For a number of years she has been living in Madison, Wisconsin, where Professor Phillips is a member of the faculty of the University of Wisconsin.

FRANK FITZWILLIAMS

Frank Fitzwilliams, ex-'96, died at his home in West Frankfort, Ill., on April 3. Death was caused by an attack of pneumonia from which the deceased had been a sufferer for only a few days. The funeral was held at the old home of Mr. Fitzwilliams, in Bloomington, on April 5. Mrs. Fitzwilliams and two little sons survive.

WILLIAM MEIER, '01

William Meier, of the class of '01, was drowned in the natatorium of the Chicago Central Y. M. C. A. building on February 14, 1910. In diving from a spring-board he apparently struck the side or bottom of the tank with sufficient force to render him unconscious. He was born at Muscatine, Ia., April 10, 1878, and secured his preparatory education in the Chicago English High and Manual Training School. He was graduated from the department of civil engineering of the University in 1901. After graduation he held the position of engineer on construction on the Chicago Subways, and the Spring Valley Bridge. In 1906 he was connected with

the Scherzer Rolling Lift Bridge Co., and at the time of his death he was a special designer in the bridge department of the Chicago & Northwestern Railway.

NEWS OF THE CLASSES

When you have a new address, position, wife, or child, notify the editor. Announcements sent to friends or acquaintances may reach the *QUARTERLY*, but probably will not. Mail your information direct, unless your class has a secretary; in any case please make sure that the *QUARTERLY* is kept in touch with you.

1872

C. W. Rolfe, 601 East John street, Champaign Illinois, Secretary

The address of Reuben O. Wood, *ag*, is Woodburn, Illinois.

C. W. Rolfe, *sci*, has been developing into an ideal farmer during the last few years, and at the recent Corn Growers' convention at the University made an address on "The Relations Between the Farmer and His Renter".

E. F. Moore, *ex*-'72, is president of the First National Bank of Ft. Cloud, Minnesota.

1873

Fred L. Hatch, Spring Grove, Illinois, Secretary

John A. Ockerson, *cc*, has been a member of the Mississippi River Commission for about twenty years and has been its president for about ten years.

The address of Charles P. Graham is Lock Box 13, Idana, Kansas.

1874

Mrs. Alice Cheever Bryan, Champaign, Illinois, Secretary

Charles W. Foster, *ag*, and wife extended a gracious invitation to a pupil's violin recital at their home on March 18. The program included solo and ensemble playing and was very interesting and attractive throughout. Specially noted was a violin solo by their daughter, Miss Alice Beth Foster, for there are many older musicians who would be glad to do as well. She cer-

tainly gives bright promise of a career, and must be the delight of her father. We marvelled too at the piano number of the little sister whose baby hands suggested very much the fine touch and artistic work of her mother. Surely a home like this is worth much to a community that lives to generate sweet harmonies in a world so full of discord.

John L. Pierce, *la*, is secretary of the National Accident Insurance Company of Lincoln, Nebraska.

1875

George R. Shawhan, 606 Daniel street, Champaign, Illinois, Secretary.

1876

Fred I. Mann, Gilman, Illinois, Secretary

W. F. Oliver is living at Arlington, Washington.

The address of W. B. Chandler is R. F. D. No. 3, Tacoma, Washington.

Fred L. Wood's address is now 6936 Wentworth avenue, Chicago. He is employed by the Morava Construction Company, of which Wensel Morava, '78, is president. Fred reports himself as being in perfect health and full of life and vigor, and ready to accomplish something the rest of his life. He has some valuable leaseholds at Montara, California, and is desirous of getting other people interested with him, that they might develop the property there. With some assistance in the way of capital he thinks this property could be improved so as to make the investment a very profitable one for all concerned. Fred hopes to be able to return to California soon and begin operations in the improvement of his property.

Ralph Allen is planning the erection of a modern residence in Delavan, and he is going to have it suit him exactly. Since his farm house was destroyed by fire a year or so ago, Ralph has lived in Delavan part of the time, but goes to his farm every day.

1877

The death of John W. Farson, *ex-'77*, which occurred January 18, at his home at Oak Park, Illinois, is announced in another column of the *Quarterly*.

1878

E. M. Burr, Champaign, Illinois, Secretary.

Noah Beery Coffman, *nh*, and Adeline J. Coffman announce the marriage of their daughter Ethelin Margaret to Mr. Roscoe West Bell on the evening of February 1, 1910, at Chehallis, Washington. The young people will live at Dallas, Oregon.

Edward J. Baker, *ag*, is now living at Savoy, Illinois.

Eddy O. Lee, *la*, may be addressed at the Boston Building, Salt Lake City, Utah.

E. M. Burr, *me*, has been manufacturing a thermometer graduator of his own patent for some time, which he ships to all parts of the world.

1879

Judge W. N. Butler, Cairo, Illinois, Secretary

In the trial of those who took part in the recent riots at Cairo, Illinois, which resulted in the death of one man, and the wounding of several others, Judge W. N. Butler was prominently mentioned. In giving his charge to the grand jury, Judge Butler said, "This sort of procedure must stop. There have been five murders in Cairo since November 11, when we had a previous occurrence of mob violence. These murders show that mob law is no deterrent to crime, and it is your duty to see that mob law ceases to be."

1880

C. J. Bills, Lincoln, Nebraska, Secretary

George M. Savage, *la*, is located at 212 23rd avenue, north, Seattle, Washington.

C. J. Bills, *la*, with his wife and daughter, will spend the summer in

Europe. They expect the following year to take a trip around the world.

John C. Bley, *me*, is still in charge of the mechanical engineering department of bridges for the city of Chicago.

1881

Mrs. Virginia Hammet Talbot, Urbana, Illinois
Secretary

The address of James Bothwell, *ex-'81*, is Leary Building, Seattle, Washington.

A. N. Talbot, *ce*, has been awarded the Chanute medal offered by the Western Society of Engineers in the field of civil engineering. The paper which was made the basis of the award was entitled, "Tests of Cast Iron and Reinforced Concrete Culverts".

Miss Darlei Thomas, *la*, is traveling in California.

Ethan Philbrick, *ce*, of Baldwin, Georgia, visited his brother, Judge Philbrick in Champaign recently.

Dr. H. S. Pepoon, *nh*, gave an address at the University on Forestry in Northern Illinois at the meeting of the Illinois Academy of Science in February.

Mrs. F. M. McKay is the author of several charming poems which have recently appeared in the *Champaign Gazette*.

In the graduation of as many boys as girls in the mid-year class at the Englewood High School, James E. Armstrong, *nh*, principal of the school, sees the success of his sex segregation scheme which he put into effect a little more than three years ago. This is the first class to be graduated, the members of which were subjected to the experiment. Of the 1,500 pupils at the school, 900, all members of the freshman and sophomore classes, are affected by the segregation order. The plan has not been tried in other high schools of Chicago despite efforts on Mr. Arm-

strong's part to convert other principals to his way of thinking.

1882

N. S. Spencer, 112 East Green street, Champaign
Illinois, Secretary

Fred D. Rugg, *la*, was recently made general manager of the National Life Annuity Company. His headquarters are in Chicago, but he will continue to make his home in Champaign, for the present, at least.

The address of Harry W. Bringhurst, *ex-'82*, is 552-18th avenue, Seattle, Washington.

G. W. Bullard, *arch*, may be addressed 622 Provident Building, Tacoma, Washington.

N. S. Spencer, *arch*, in January took an extended trip through Texas and Mexico.

1883

Judson F. Going, 221 Fremont street, Chicago
Secretary

J. K. Whitmore, *ex-'83*, is living at 1535 23rd avenue, Seattle, Washington. His business address is 1026 Henry Building.

The address of C. E. Bogardus, is 323 14th avenue, north, Seattle, Washington.

W. A. Heath, *la*, for the last few years vice president of the Hibernian Bank of Chicago, was recently announced as the successor of President S. R. Flynn of the Live Stock Exchange Bank of Chicago. This bank is regarded as the strongest financially in Illinois. Mr. Heath has a son, Nathaniel P., registered in the freshman class of the University.

1884

Miss Keturah Sim, 605 west Green street, Urbana, Illinois, Secretary.

Charles H. Lilly, *chem*, of 1106 Fifth avenue, west, Seattle, Washington, returned from Europe on Janu-

ary 14, where he has been since last August.

S. W. Parr, *chem*, head of the department of applied chemistry at the University, is the inventor of an improved gas calorimeter. Patents have been granted on the invention and its manufacture will be begun soon, at Moline, Illinois.

The address of Delia Zipf (Bringinghurst), *ex-'84*, is 552 18th avenue, Seattle, Washington.

Charles H. West, *ex-'84*, for several years past, chief engineer of the Mississippi Levee Commission, was recently appointed by the president of the United States, a member of the Mississippi River Commission—practically a life position.

W. L. Abbott, *ee*, president of the University Board of Trustees and one of the University's most prominent alumni, addressed the engineering students of the University on February 25 on, "Central Station Management". Mr. Abbott is chief operating engineer of the Commonwealth Edison Company of Chicago, and has charge of the Chicago station of the Company, the largest in the world.

1885

Mrs. Jessie Plank Thompson, Winamac, Indiana Secretary.

The address of Mary Earle (Horne), *nh*, is 2702 Virginia street, Berkley, California.

The address of Simeon C. Colton, *ce*, is 600 Central avenue, Chicago, Illinois.

Judson Lattin, *me*, should be addressed at Hamilton, Ontario, Canada, instead of Akron, Ohio.

The address of William A. Stockham, *me*, is changed from 623 First National Bank Building, Birmingham, Alabama, to P. O. Box 281, Birmingham, Alabama.

A. N. Abbott, *ag*, was the presiding

officer of the Corn Growers' Association which met at the University the last two weeks in January.

The address of Arthur T. North, *arch*, is 603 Third National Bank Building, St. Louis, Missouri.

1886

S. Foster Bullard, Tacoma, Washington, Secretary

Clinton G. Lumley, *la*, is a member of the Board of Directors and Medical Director of the Union Life Insurance Company of Chicago. He expects to have his two sons in the University next year.

1887

Mrs. Angie Gayman Weston, 601 East Daniel street, Champaign, Illinois, Secretary

William Barclay, *ce*, has a son, Herbert T., registered in the freshman class of the University.

C. A. Lloyd, *me*, has a son, Robert Kellogg, registered in the freshman class of the University.

Harper's Weekly for February 5 contains illustrations from the pen of Horace Taylor, *la*.

1888

Miss Mary C. McLellan, 706 West Park street, Champaign, Illinois, Secretary

J. H. Samuels, *me*, is president of the Ft. Madison Plow Company at Ft. Madison, Iowa.

John V. Schaefer, *me*, is still president and general manager of the Schaefer Manufacturing Company. His address is 1116 Cullom street, south, Birmingham, Alabama.

N. P. Goodell, who is a well known banker of Loda, Illinois, fell down a flight of steps recently, breaking the bone in his left hip.

The secretary's address has been changed from 706 West Park street, to 706 West Park avenue, Champaign, Illinois.

Mrs. Nellie McLean (Lumley) and children visited her parents in Urbana during the Easter vacation.

Ida Eisenmayer (Scheve), and two children, Carl and Margaret, visited Effie Mathers (Enlows), at Mason City, Illinois, during the holidays and also stayed some time at her old home at Mascoutah, Illinois. Mrs. Scheve is living on a fruit ranch at Palisades, Colorado.

1889

Miss Amy Coffeen, Champaign, Illinois, Secretary

A. M. Troyer, ex-'89, may now be addressed Fairhope, Alabama, instead of Calhoun, Alabama.

F. A. Blakeslee, ex-'89, recently set sail for London, and from there he will go to Tarkwa on the gold coast in West Africa, to take a position with the Taquah Mining and Exploring Company, Limited. Since his student days, Mr. Blakeslee has done work on mining projects in the Rockies, Mexico, and in Australia.

Phyllis Steele, the sixteen year old daughter of Philip Steele, *me*, died at the home of her father in Chicago, on February 21, 1910.

Albert Carver, *nh*, is instructor in physics in the Springfield High School.

1890

Thomas Arkle Clark, Urbana, Illinois, Secretary

Jessie Ellers (Hackett), *la*, still lives at Tuscola, Illinois. She is this year chairman of the Shakspeare department of the Tuscola woman's club.

W. M. Baird, *la*, ex-'90, and first president of the class, is now at 806 Tribune Building, Chicago.

The address of Henry W. McCandless, *me*, is 67 Park Place, New York City, instead of Brooklyn, New York.

A. H. Fraser, ex-'90, is now in the real estate business in Joliet. His address is Raynor avenue, Joliet, Illinois.

The business address of C. H. Snyder, *ce*, is 607 Humboldt Building, San Francisco.

The American College for January contains an article by T. A. Clark, under the title, "If I Were a Freshman Again".

The business address of John F. Fisher is 705 North Gilbert street, Danville, Illinois. Mr. Fisher is now the senior member of the firm of Fisher & McCann, engineers and surveyors, and is personally engaged largely in drainage work. He is married and has had two children, Georgia, born December 12, 1905, and Bertha Nelle, born August 20, 1908, and died December 28, 1908.

George P. Clinton, *nh*, botanist for the Connecticut Agricultural Experiment Station, was sent to Japan last summer by Harvard University to secure a fungus to be used in fighting the brown-tailed moth.

C. H. Shamel, *chem*, is practicing law in Seattle, Washington. His address is 536 New York Block.

Lucia Brumbach (Bogardus) is living at 323 14th avenue, north, Seattle, Washington.

R. W. Cornelison, *chem*, is now with the Cotalap Company as chemist in charge of their dying department at New Haven, Connecticut.

1891

C. A. Shamel, Editor *Orange Judd Farmer*, Chicago, Illinois, Secretary

The address of Glenn M. Hobbs, *la*, is 6023 Jefferson avenue, Chicago, Illinois.

The present address of Sarah M.

Paine, *nh*, is 606 East Springfield avenue, Champaign, Illinois.

The address of Emma E. Seibert, *sci*, is 738 South Union avenue, Los Angeles, California, where she is living with her aunt and uncle, Mr. and Mrs. M. A. Goff.

A. E. Harvey, *ce*, has left the Chicago Great Western Railroad, and is now Division Engineer on the Kansas City Southern, where he has charge of all matters pertaining to the reduction of grades and change of line. The Harvey family now resides at Mena, Arkansas.

Fred W. Richart, *me*, of Carterville, Illinois, is still employed in building up a light and power business. He is president of the company, and has great hopes for its advancement. Indications at present are exceedingly favorable for future prosperity.

J. H. Powell, *ce*, has ceased to resist the subtle influence which agriculture has had upon him since his college days, and is now engaged in developing orange and fig orchards near Houston, Texas. He says he is prepared to colonize the '91ers, and furnish every one of them with an orchard.

J. N. Chester, *ce*, whose life is an uneventful one, aims to get ahead by getting all he can, and by living on a little less than he can get.

Dr. T. S. Green, *nh*, has outgrown his former surroundings, and is now located in the midst of the downtown district of Chicago. His new address is 1310 Heyworth building.

Thomas J. Howorth has sold the newspaper which he owned in Sparta, Illinois.

Charles Bouton, *chem*, did the class of '91 credit at a recent meeting of the Arkansas State Horticultural Society, when he delivered the address that brought out the resolution asking for state aid along horticultural lines. This

is a matter of great importance to that state.

Alice Broadus (Clark), *nh*, took the role of Lydia Languish in "The Rivals", which play was given by the University Dramatic Club last February.

Isabel Jones, *nh*, spent a good part of last summer in Holland making sketches.

Clarence A. Shamel, *chem*, is the proud father of another son. Mr. Shamel still spends his time in editing an agricultural paper, and every summer has a garden which is a model of its kind.

1892

Mrs. Cassandra Boggs Miller, Urbana, Illinois, Secretary.

William T. Butler, ex-'92, and Margaret Philbrick (Butler), ex-'92, are living at 1111 Bellvue Place, Seattle, Washington.

The address of W. A. Martin, *me*, is 2635 Main street, Quincy, Illinois.

Benjamin A. Wait, *ce*, lives at 7056 Eggleston avenue, Chicago, Illinois.

C. A. Kiler, *la*, has been distinguishing himself lately as a farmers' institute lecturer. He has given a number of talks during the winter before farmers' institutes on the general subject of "Civic Loyalty".

W. H. Foster, *me*, has temporarily left the Morava Construction Company and is taking a long vacation trip through California, Oregon and Washington. He expects to be gone the greater part of the year.

P. T. Burrows, *arch*, and C. D. McLane, *arch*, are practicing architecture in Davenport, Iowa, as members of the firm Temple, Burrows, & McLane. This firm has done some work in Champaign, including the elegant Young Men's Christian Association Building, finished about two years ago.

F. H. Carnahan, *la*, is treasurer of the

Federal Elevator Company, Minneapolis, Minnesota.

Sarah Bennett (Erwin), *la*, expects to move to Colorado for an indefinite stay. Mr. Erwin lost his life on October 23, 1909, while crossing Lake Michigan on the steamship Puritan. It was thought that he fell overboard during the night.

W. T. Butler has severed his connection with the West Lake Construction Company of St. Louis, and has organized the Butler Construction Company of Seattle, Washington, with himself as manager. His business address is 305 Cray building.

C. A. Gunn, *arch*, has given up his practice of architecture in Pittsburg and has accepted the position of executive secretary of the Layman's Missionary Movement whose headquarters are in New York City. Mr. Gunn's new address is 18 Prospect street, New Jersey.

L. R. Herrick, *la*, is practicing law in Farmer City under the firm name, Herrick & Herrick.

U. S. G. Plank, *nh*, is secretary of the Lawrence Building and Loan Association, Lawrence, Kansas. Chancellor Strong of the state university, located in that city, is vice president of this association. Mr. Plank states that Alice Barber (Bennett), *nh*, is a very close neighbor and that his children and those of Mrs. Bennett "play, sing, and quarrel together".

R. H. Forbes, *chem*, is Director of the University of Arizona Agricultural Experiment Station. The station staff consists of ten men in addition to the director.

occurred the death of Darley Howse (Phillips), wife of J. D. Phillips, *arch*. Professor Phillips has been for a number of years at the head of the work in general engineering drawing at the University of Wisconsin.

W. R. Chambers, *la*, is now clerk of the Territorial District Court at Solomonville, Arizona. He was formerly practicing law in Danville, Illinois, but was compelled by failing health to go elsewhere.

W. A. Nicolaus, husband of May Mathews (Nicolaus), *la*, was recently adjudged insane and assigned to the Illinois hospital at Kankakee.

Frank M. Gulick, *la*, is living at Santa Anna, California.

1894

Dr. L. Pearl Boggs, Urbana, Illinois, Secretary

The street number of Martin J. Engberg, *chem*, is changed from 119 E. Chicago avenue, to 358 West Chicago avenue, Chicago, Illinois.

John McNutt, Jr., *la*, was recently elected judge of the city court at Mattoon, Illinois.

T. C. Frye, *sci*, who is professor of botany in the University of Washington, has published a text book on botany.

George W. McCaskrin, *sci*, who is again the mayor of Rock Island, according to the newspapers is making a strenuous effort to control the saloon element and make Rock Island a satisfactory place in which to live.

Albert Johansen, *arch*, may be addressed at Walker Museum, University of Chicago, Chicago, Illinois.

O. A. Johansen, *arch*, (U. of I.), M. A. and Ph.D. (Cornell), is now at the University of Maine, Orono, Maine, where he has charge of the department of entomology. Dr. Johansen has made several important contributions to scientific knowledge which have esta-

1893

J. G. Mozler, Urbana, Illinois, Secretary

The address of Louis Klingel, *la*, is 309 Portland avenue, Belleville, Illinois.

On January 11, at DeLand, Florida,

lished his reputation in his chosen field.

Mrs. Gertrude (Shawhan) Schaefer, *lib*, now of California, has a small son, John Warren Schaefer, whose advent has not been announced before, although he boasts of more than twelve months.

1895

H. C. Arms, 33 Crescent Place, Wilmette, Illinois
Secretary

The address of Clarence A. Clement, *mse*, is changed from 508 Federal Building, Chicago, Illinois, to U. S. Engineer Office, Postal Telegraph Building, Kansas City, Missouri.

The address of Charles B. Burdick, *mse*, is 3704 Grand Boulevard, Chicago, Illinois.

Harry W. Baum, *ce*, has returned from Canada, where he has had under his management the erection of a number of grain elevators, some of them with storage capacities of nearly two million bushels.

1896

Mrs. Amelia Alpinier Stern, Champaign, Illinois,
Secretary

Harry Keeler, *chem*, has recently been elected assistant principal of the Englewood High School, the second largest high school in the west. James E. Armstrong, *nh-81*, is principal of this school.

F. W. Woody, *ex-'96*, is now Grand Exalted Ruler for the Elks in Illinois.

Aureka B. Kiler, *la*, is teaching in the public schools at Seattle, Washington. Her address is 1712 Summit avenue.

Isabelle Noble, *la*, spent the winter with her mother at Wichita, Kansas. She will return in the spring to Daysland, Alberta, Canada, where she is keeping house for her brother, Tom Noble, *ag-'03*, on a wheat ranch.

Simon E. Lantz, *ex-'96*, well known in football circles when he was in the

University, has quit farming. He is now living in Carlock, Illinois, and doing his farming at long distance.

H. R. Linn, *me*, is in the Detroit office of the Evans-Admiral Company. He was formerly in partnership with F. J. Postel, '99, who is now conducting the business alone.

Theodore Weinshank, *me*, is president of the American Engineering and Supply company of Indianapolis, Indiana, one of the largest firms of heating and ventilating engineering in this country. March 10, 1910, Mr. Weinshank delivered a lecture before the engineering students of the University, on "Recent Development in Heating of Buildings".

Dr. Matthew W. Reasoner, *sci*, is stationed at Fort Caswell, North Carolina.

C. V. Green, *phar*, has purchased a drug store of C. R. Yundt, '07, at Evanston and Belmont avenues, Chicago.

1897

O. L. Gearhart, Champaign, Illinois, Secretary
Adam V. Millar lives at 1011 Grant street, Madison, Wisconsin.

The address of Gideon S. Borden, *ex-'97*, is changed from Glen Jean, West Virginia, to Minden, West Virginia.

Francis J. Plym, *arch*, is now president of the Kawneer Manufacturing Company of Niles, Michigan.

Dr. Clyde D. Gulick, *sci*, has been appointed a local examiner at Urbana, Illinois, for the Illinois State Civil Service Commission.

T. C. Kistner, *arch*, has been awarded the job of constructing a \$50,000 school building at Edwardsville, Illinois.

E. E. Reardon, *ex-'97*, is located at Oklahoma City, Oklahoma. He is county attorney of Oklahoma County.

Sarah Louise Dewey, *sci*, was elected secretary of "Scandia", the national

federation of Scandinavian Clubs at the convention held in Minneapolis, February 26.

H. A. Webber, *arch*, is still at Escanaba, Michigan, where he is superintending the erection of a public building. He says he has two children, a boy and a girl, both rooting for Old Illinois.

F. W. Schacht, *sci*, was married on April 24, 1909 to Miss Lucie Hammond, at Chicago. He is now pursuing his doctor's degree in Education at the University of Chicago. He teaches German in the Wendell Phillips High School in that city.

Horace C. Porter, *chem*, is research chemist on coal investigations in the U. S. Geological Survey with headquarters at 40th and Butler streets, Pittsburgh, Pennsylvania.

Walter B. Brown, *chem*, may still be addressed 89 Board of Trade Building, Chicago, Illinois.

Martha J. Kyle, *la*, is studying in Columbia University this year and expects to go to Aberdeen, South Dakota in June to teach in the summer school of the Northern Normal School of that state.

J. L. Sammis, *chem*, is located at the University of Wisconsin and has charge of the chemical investigation of problems in dairying, supported by the Wisconsin Experiment Station and the U. S. Department of Agriculture co-operatively.

George A. Barr, *sci*, was elected State's Attorney of Will County in November, 1909. His address is Joliet, Illinois.

J. A. Dewey, *sci*, is living on a farm near Armstrong, Illinois.

Luella Buck (Linn), *la*, and her husband, Homer R. Linn, *me*, '96, have recently moved into their new home in LaGrange, Illinois.

A. V. Millar and J. D. Phillips, *arch*,

'93, have written a text book on the "Essentials of Description", which is being used by several of the leading colleges and universities of the country.

Shirley K. Kerns, *la*, is the head of the Country Day School for Boys of Boston, at Nonantum Hill, Newton, Massachusetts. He writes that he has two children, a boy and a girl.

1898

H. C. Coffeen, 3801 Lake avenue, Chicago, Illinois, Secretary.

Helen Jordan, *la*, is now living at Palacios, Texas.

George J. Ray, *ce*, has moved from Scranton, Pennsylvania, to 86 Arlington avenue, East Orange, New Jersey.

W. L. Unzicker, *la*, has recently built an attractive residence. His present address is 1307 South 34th street, Omaha, Nebraska.

R. O. Everhart is pastor of the State Street Methodist Episcopal church of Troy, New York, one of the most prominent churches in that part of the country.

E. F. Collins, *ee*, has been appointed technical superintendent of the testing department of the General Electric Company at Schenectady, New York. The position to which Mr. Collins is appointed will be a new one with the company, having to do with technical matters only.

H. W. Clark, ex-'98, is now with the Peerless Conservatory of Music, Chicago. He holds the position of state manager of California, and his address is 520 East Poplar street, Stockton, California.

P. J. Aaron, *ce*, may be addressed at 1518 First avenue, south, Seattle, Washington.

The address of J. R. Nevins, *arch*, is 503 Denny Building, Seattle, Washington,

D. R. Enochs, *law*, has been obliged

to give up his law offices in Chicago, and go to Florida for a few months on account of his health. He had a severe attack of typhoid fever last summer, which left his nervous system in a poor condition.

Sarah Webster, *la*, is teaching drawing in the New York City schools and may be addressed at Suburban Place, Bronx, New York City.

1899

L. D. Hall, 111 East Chalmers street, Champaign-Illinois, Secretary.

The address of C. E. Fleager, *ee*, is 410 New Montgomery street, San Francisco, California.

G. T. Seeley, *ce*, has been promoted to the second vice presidency and general managership of the South Side Elevated of Chicago.

Carl E. Sheldon, *la*, is serving his second term as city attorney of Sterling, Illinois, and is a member of the Board of Education of that city. His offices are at 4 and 6 West Third street.

H. F. Anderson, *ce*, is Division Plant Engineer for the Pacific Telephone and Telegraph Company, and resides at 1320 Page street, San Francisco, California.

I. H. Hill, *ae*, writes that his business address is still 622 Provident Building, and his residence 2816 North 30th street, Tacoma, Washington.

Walter R. Shutt, *la*, is Live Stock Claim Agent for the C. M. & St. P. Railway, with office in the Railway Exchange Building, Chicago.

John E. Raymond, *ag*, is living on his farm, "Hillcrest", at Sidney, Illinois. He was married September 23, 1909 to Grace M. Lane, of the class of 1909, Emerson College, Boston. John is specializing in horses, and is master of the Sidney lodge, A. F. & A. M.

Jimmie Wernham, *sci*, is still practicing medicine at Marengo, Illinois.

Arthur Paine, *la*, is teaching economics and history in the high school at Long Beach, California. He reports that Ralph Bennett, *ee*, is still engaged in electrical engineering at Los Angeles.

Lulu C. Woolsey (Hurst), *la*, is still at Spokane, Washington, but expects to move in the near future to Montana.

Ralph Thompson, *la*, is reported as prospering on his farm at Carbondale, Illinois.

Laura Straight, *lib*, answers the roll call from Franklinville, New York.

Ralph Weirick, *arch*, is now with Howells & Stokes, architects, at 100 Williams street, New York City.

M. H. Newell, *la*, is with the West Publishing Company, St. Paul, Minnesota.

"Dusty" Rhoads, *la*, is conducting the H. A. Rhoades Advertising Agency at Chicago. "Dusty" is still writing verses, and has recently received several flattering offers from eastern book publishers for some of his productions.

John Latzer, *ag*, reports the arrival of a son, John Briggs Latzer, October 23, 1909, at his home at Wellsboro, Pennsylvania. John is still manager for the Helvetia Milk Condensing Company.

Lucile Booker (Watkins), *la*, reports the birth of a daughter, Harriett Wendell Watkins, at Cloquet, Minnesota, June 6, 1909.

Tom W. Smurr, *la*, is city attorney of Ottawa, Illinois. He is the author of an extensive volume on the Law of Farm Drainage, and another on the Law of Local Improvements in Illinois, which are well known in legal circles.

Florence Smith, *la*, is instructor in English in the Ethical Culture High School at 418 West 118th street, New York City. Her home address is Albion, New York.

Fred J. Postel, *ee*, is now at the head of the firm of Fred J. Postel & Company, Consulting Engineers, Fisher Building, Chicago. He was for several years in partnership with H. R. Linn, '96.

Charles L. Clifford, *ee*, has recently removed from Fort Houston, Texas, to Washington, D. C., where he is Chief Electrical Engineer in the office of the Quartermaster General of the Army.

L. D. Hall, *ag*, reports the birth of a daughter, Elizabeth Virginia, March 5, 1910.

F. W. Eagleston is now located at Fort Bragg, California.

F. C. Koch, *chem*, is now connected with the University of Chicago in the physiology department.

Winfred D. Gerber, *mse*, has formed a partnership with William S. Shields as The W. S. Shields Company, Consulting Engineers, Hartford Building, Chicago. The firm makes a specialty of sanitary engineering work.

William W. Webster, *me*, is mechanical engineer for the Hammel Oil Burner Company, 640 North Main street, Los Angeles, California, and resides at 908 West 36th Place.

John Herwig, *me*, was married January 16, 1910, to Miss Pearl Merrill, at Los Angeles, California. They will be at home at Coarse Gold, California, after April 15.

A card addressed to Fred M. McElfresh, *la*, at Salem, Oregon, was returned with the information that Mr. McElfresh died at Salem in September, 1906.

Mrs. Emma Rhoads Nickoley, *la*, writes of her arrival at her home in Beirut, Syria after a visit of fifteen months in America. Her husband, W. F. Nickoley, '98, accompanied her af-

ter having spent his regular six months furlough in this country. They have one child, Katherine, five years old.

1900

Miss Nellie McWilliams, 38 Second South street Champaign, Illinois, Secretary

Edith Page Bennett, *la*, is teaching in Seattle, Washington. Her address is 1102 Ninth avenue.

The address of William F. Schultz, *ee*, is 926 West Green street, Urbana, Illinois.

E. G. Hines, *arch*, is now with the Culver Construction Company at Springfield, Illinois.

Blanche Seeley, *lib*, is in charge of the Pillsbury Branch of the Minneapolis Public Library.

Linda Clatworthy, *lib*, head librarian of the Dayton Public Library, goes abroad in April for a stay of several months.

Adele Cooper (Scott), *lib*, goes abroad in May with Mr. Scott, who is one of the representatives of our government in the discussion of the Fishery Question with Canada before the Hague Tribunal.

Dr. George A. Darmer, *la*, has returned from a period of several months spent abroad in the study of medicine. His present address is 105 West Douglas avenue, Wichita, Kansas.

The address of Dr. Frank Francis, *la*, is 66 East Oak street, Chicago.

John K. Bush, *la*, and Helen Taylor (Bush) are parents of a daughter, Eleanor Isabel.

C. J. Peeples, *la*, was recently elected vice president of the American National Bank of St. Paul, Minnesota.

The address of Marie Waldo (Taylor), *sci*, is changed from Mountain Grove, Missouri, to 804 Hill avenue, Grand Junction, Colorado.

The present address of T. C. Phillips, *mse*, is 523 East 34th street, Chicago.

Ernest W. Ponzer has been promoted to an assistant professorship in the department of mathematics in Leland Stanford University. Mr. Ponzer was for several years instructor in mathematics at the University, and went to Leland Stanford only last September.

1901

Frank W. Scott, 600 W. 133 street, New York City, Secretary.

ISN'T THIS ALL TRUE?

It seems to your secretary important that the tenth anniversary of the graduation of this class should be made memorable. We left no other memorial than the record of a tumultuously independent and wholly creditable career as a class, and, let us devoutly believe, as individuals. In the humble opinion of your secretary we added to our record of achievement in refraining, at the time of graduation, from undertaking anything more than to pay our debts. We could not at that time have afforded to leave an adequate memorial of our gratitude and reverence for Alma Mater. But if we have in us the stuff we all think we have, we ought to do something in 1911, if not munificent, at least notably superior to the mere means of detection or identification left by other classes. And we ought to be talking about it right now. Send in your suggestions.

You might as well at the same time send an item of news about yourself and family.

* * *

Frederick G. Bonser, M. S. '02, who

is a professor in the Normal School at Macomb, has been appointed assistant professor of industrial training in Teachers' College, Columbia University. Dr. Bonser's "A Statistical Study of Illinois High Schools", was issued as a University Study in 1902.

Laura Black (Zartman), *la*, widow of L. W. Zartman, '03, has given Yale University library a collection of volumes relating to insurance, under the will of F. D. Allen, Yale, '73.

A. C. Hobble, *ee*, and Grace Garrett (Hobble), *la*, who have been for the past several years at the state of Mysore, Southern India, expect to arrive in America some time this month. Mr. Hobble will be in the home office of the General Electric Company, Schenectady, New York.

A. D. Emmett, *chem*, associate in animal nutrition in the College of Agriculture Experiment Station, was married to Miss Clara Bullard, daughter of Mr. and Mrs. J. H. Bullard, of Mechanicsburg, Illinois, February 10, 1910.

Harry A. Coffman, *law*, has been appointed sales manager of the Hart Grain Weigher Company of Peoria, Illinois, a concern which is claimed to be the manufacturer of fully ninety per cent of all grain weighers sold in the United States, Canada and foreign countries.

Ernest B. Lytle, *sci*, may be addressed 907 West California avenue, Urbana, Illinois.

Miles V. Stewart has been appointed chief engineer of the Mexican Central Electric Company. His address is Jan Juan de Letrau No. 3, Aparatado No. 403, City of Mexico, Mexico.

Henrietta Anne Calhoun, *sci*, is now

professor of science at Columbia Woman's College, Columbia, South Carolina. Up to January 2, she was at home at Champaign, Illinois.

E. M. East, *ag*, is now an assistant professor in the Bussey Institute, Harvard, having been called there from Yale University.

The last number of the University Studies issued by the University is an extract from the doctor's thesis of Katherine Alberta Layton, *la*, on the Niebelungen of Wagner. It is a volume of nearly a hundred pages.

The firm of Marriott & Allen (A. M. Allen, *arch*), 20 East Broad street, Columbus, Ohio, has received the contract for re-building the Ohio State penitentiary at a cost of \$1,000,000.

Frank G. Frost is in the construction department of the Houston Lighting and Power Company. His address is 1502 Commerce street, Houston, Texas.

Agnes M. Cole, *lib*, is cataloging the library of Charles R. Crane of Chicago.

William Meier, *ce*, was drowned on February, 14, 1910, in the swimming tank of the Central Y. M. C. A. in Chicago, where he was in the habit of exercising daily. He was thirty-two years old and was a civil engineer for the Milwaukee, Chicago & St. Paul Railroad.

John W. McLane, *ag*, and H. B. Derr, *ag*, '05, have purchased a large farm in Fairfax County, Virginia, and have moved to it. Both will remain in the Bureau of Plant Industry as the distance from Washington to their farm is not great.

H. H. Boggs, ex-'01, is practicing law in Kansas City, Missouri. His office is 416 Scarritt building.

W. L. Crouch, *law*, is in the Legal Department of the C. R. I. & P. railroad. His address is 1023 Pennsylvania avenue, Kansas City, Missouri.

1902

L. G. Parker, 107 East Green street, Champaign, Illinois, Secretary.

Mary A. Rolfe, *sci*, is secretary of the Young Woman's Christian Association of the University of Iowa, at Iowa City, Iowa.

Ruby DeMotte (Brown), *sci*, is living at 476½ Davenport street, Portland, Oregon.

The address of James D. White, *la*, is 710 south 7th street, Springfield, Illinois.

The address of Robert P. Shimmin, *me*, is 2316 Remington avenue, Morgan Park, Illinois.

Edna L. Goss, *lib*, is now a senior assistant in the John Crerar Library, Chicago.

The street address of Thomas Wilson, *ee*, is changed from 19 west 43rd street, to 153 Humphrey avenue, Bayonne, New Jersey.

The address of T. I. Fullenwider, *ce*, is 805 Seventh street, S. E., Minneapolis instead of 800 Fifth street, S. E. Minneapolis, Minnesota.

Harry McCarthy, *me*, who is in the employ of the Western Tube Works at Kewanee, Illinois, was elected a member of the American Society of Mechanical Engineers at the December meeting.

C. W. Malcolm, *ce*, has issued a second edition of his graphic statics.

The address of Nathan Wilkinson, *ce*, is 301-37th street, Milwaukee, Wisconsin.

J. M. Farrin, *ce*, has been elected associate member of the American Society of Civil Engineers. He is with the Cuba Railroad Company, at Camaguey, Cuba.

Mary O. McGinnis, *sci*, is registered in the Graduate School and is studying for her master's degree in botany. She has been teaching for the past four years, but is now absent on leave for a year.

George C. Fairclo, *ce*, is at present in charge of the engineering work of the North Fork Drainage District, St. Joseph, Illinois.

Ethel Dobbins, *la*, writes that her health is improving. She may be addressed at her home in Champaign, Illinois, 608 South Fourth street.

Enid Draper (Smith), *la*, is teaching English several hours a day in the Hiroshima Higher Normal School. Her address is 31 Kamiyanagicho, Hiroshima, Japan. z

The address of Roy Smith, *la*, is 39 Kitano-Cho, 2 Chome, Kobe, Japan.

Tillie J. Schumacher, *la*, is at her home in Champaign.

Eldrick Williams, *chem*, and Florence Somers (Williams), report good health and much enjoyment in their work in Chentu, West China.

The address of Dora Davidson (Brown) *la*, is 220 Reynolds street, Iowa City, Iowa.

J. H. Braden, *law*, is practicing law in Iowa.

D. C. Cairns, *law*, is practicing law in Ottawa, Illinois.

S. K. Hughes, *law*, is in the real estate business in Champaign, Illinois.

G. A. Jones, *law*, is Master-in-Chancery of Douglas county, Illinois.

H. L. Jones, *law*, is practicing law in Champaign, Illinois.

W. E. King, *law*, la-'97, represents a bonding company in Salt Lake City, Utah.

T. H. Miller, *law*, is Prosecuting Attorney at Macomb, Illinois.

C. E. Sheldon, *law*, la-'99, is practicing with his father in Sterling, Illinois.

Nathaniel Stern, *law*, is still practicing law in Chicago.

W. F. Woods, *law*, la-'00, is practicing law in partnership with Manford Savage of Champaign.

E. E. Wyne, *law*, has a position in a bank in Macomb, Illinois.

Harry B. Boyer, *law*, is practicing in Champaign, Illinois. He has been very active in the work of the Law and Order League which has done much towards doing away with the saloons and gambling places in Champaign County. His office is in the Kariher Building. He is secretary-treasurer of the Law Alumni Association.

Edwin L. Poor, *sci*, advertising manager of the Crofts & Reed Company, Chicago, Illinois, recently wrote a very successful comedy which was presented at the Warrington Theatre in Oak Park by a company of former college men now residing there.

William Bowen Stewart, *law*, has been elected to the office of exalted ruler in the lodge of Elks at Minneapolis, Minnesota. This is said to be the office of greatest honor to be held in any secret order in Minneapolis. Mr. Stewart is Minneapolis manager for the Bishop & Babcock Company.

Irving M. Western, *la*, has formed a partnership with DeGoy B. Ellis for the general practice of law, with offices in the Y. M. C. A. Building, Elgin, Illinois.

O. Carter Boggs, *la*, now practicing attorney-at-law in Medford, Oregon, announces the birth of a son, Dwight Stanley, December 19, 1909.

Leslie A. Waterbury, *ce*, is head of the engineering department at the University of Arizona, at Tucson, Arizona. His address is 327 east 4th street. He and his family will spend the summer in California.

G. R. Mueller, ex-'02, engineer for Marine Iron Works, is now located at St. Johns, Oregon.

Dwight S. Dalbey, *ag*, has charge of a large number of farms in Nebraska. His address is Beatrice, Nebraska.

Arlo Chapin, *la*, says he is still at the office of the Champaign *Daily News* and enjoying ilfe.

Mary E. Goff, *la*, is working this

year on a library school course at the University.

1903

Roy W. Rutt, 803 S. Lincoln avenue, Urbana, Illinois, Secretary.

At a recent meeting of the Denver Branch of the American Pharmacists' Association, L. L. Alkire, *phar*, read a paper on "Antidiphtheric Antitoxin and Gloublin." The paper is published in full in the "Rocky Mountain Druggist" for February.

Anne D. Swezey, *lib*, has resigned her position as assistant in charge of binding at the University of Illinois, to accept the librarianship of East Chicago (Indiana) Public Library. Miss Swezey organized the East Chicago Public library during the month of January, and her work was so successful that she was offered the permanent position.

The address of L. H. Provine, *arch*, is 748 Broadway, North Seattle, Washington.

C. W. Smith, *la*, is assistant librarian at the University of Washington.

A government bulletin has just been issued by L. F. Beers, *me*, D. T. Randall, *me*, '97, and H. W. Weeks, *me*, '04, covering the smokeless combustion of coal.

The Leader-Beers Engineering Company has been incorporated under the laws of the state of New York for the purpose of selling and erecting water and sewage systems, etc. Leroy F. Beers, *me*, is secretary and general manager with headquarters at Rochester, New York.

C. P. L. Peterson, *ce*, is living at Louisville, Kentucky. His address is 1353 Cypress street.

Tom Noble, *ag*, is running a ranch at Daysland, Alberta, Canada.

William M. Dehn is teaching at the University of Washington.

Dr. J. C. Dallenbach is located in Seattle, Washington. His street address is 712 27th avenue,

Maude L. Sheldon, *sci*, is teaching her second year as principal of the Pembina, North Dakota High School. She is having an enjoyable and successful year.

The address of Lucia A. Stevens (DeMotte), *la*, is 6608 Carpenter street, Chicago, Illinois.

Roy J. DeMotte, *sci*, is still continuing his course at Rush Medical. His address is 6608 Carpenter street, Chicago, Illinois.

Lewis Brown, *me*, holds the position of superintendent of the factory of the Kawneer Manufacturing Company of Niles, Michigan.

Sophie Hyoe, *la*, is still at the John Crerar Library, Chicago. She is going abroad this summer on a four months leave of absence.

L. F. Beers, *me*, has written a paper on "The Relation of Draft to Smoke Production," which was read June 24, 1909 at Syracuse, New York, before the International Association for the prevention of Smoke. This paper was also reviewed in some of the periodicals.

Eugenia Allin, *lib*, who has been librarian and instructor in library science at the James Millikin University since the opening of that college in 1903, has recently been appointed State Library Organizer.

Anna V. Jennings, *lib*, who is still librarian of the State Normal School at Kearney, Nebraska, has been granted a three months leave of absence and will spend the summer in Europe.

Clarence H. Bean, *chem.e*, has just been appointed assistant superintendent of motive power in the big Chicago stock yards plant of Armour & Company. He formerly had charge of one of the firm's sulphuric acid plants.

Dr. G. H. Wardner, D.D.S., '03, entertained the Portland Alumni Association with a card party at his residence at 804 Wasco street, on March 22,

W. P. Ireland, *ce*, is manager of the General Engineering Company of Sacramento, California. His address is 1104 Ninth street.

Edna D. Hoff (Allison), *la*, lives at 131 East Daniel street, Champaign, Illinois.

The address of Charles H. Dawson, *la*, is 6224 Madison avenue, Chicago, Illinois.

1904

R. E. Schreiber, 1012 Fort Dearborn Bldg., 134 Monroe street, Chicago, Secretary.

J. M. Marriott, *ex-'04*, is the senior member of the firm of Marriott & Allen, 20 East Broad street, Columbus, Ohio. This firm is now rebuilding the Ohio state penitentiary at the cost of \$1,000,000.

The address of George H. McKinley, *law*, is Box 418, Tucson, Arizona.

John O. Taylor, *ee*, who has been in Cristobal, Canal Zone, Panama, may now be addressed at 311 Daniel street, Champaign, Illinois.

The address of Ray L. Horr, *ee*, is 208 east 46th street, Chicago, Illinois.

The address of Anna D. White, *lib*, is changed from 142 Locust street to 4016 Lake avenue, Chicago, Illinois.

W. T. Bailey, *arch*, who is teaching at Tuskegee Institute, Tuskegee, Alabama, has prepared plans for a new dining hall at the institution to cost \$160,000.00. This is said to be the largest building in the world for the uses to which it is put, planned and built by negroes. Professor Bailey is now at the head of the architectural department of the institution.

The address of Helen F. Stookey (Wilkinson), *la*, is 301 37th street, Milwaukee, Wisconsin.

The address of S. B. Flagg, *me*, is 40th and Butler streets, Pittsburg, Pennsylvania, instead of Alton, Illinois.

The address of Ross J. Steward, *me*, is 1105 15th street, Milwaukee, Wisconsin.

Harry W. Weeks, *me*, is vice-president of the Commercial Testing & Engineering Company. His address is Old Colony Building, Chicago, Illinois.

The address of R. H. Post, *me*, is changed from 5152 Vernon avenue, St. Louis, Missouri, to 738 First National Bank Building, Chicago, Illinois.

Members of the class should bear in mind that the class secretary, R. E. Schreiber is still at 1012 Dearborn Building, Chicago, and never too busy to receive communications from class members.

J. W. Davis, *ce*, may be addressed at 163 Randolph street, Room 59, Chicago. He is with Huehl & Schmidt.

B. A. Baer, *ee*, is with the Commonwealth Edison Company, 139 Adams street, Chicago.

Charles N. Casey, *law*, is practicing law in Chicago. His office is 1222 First National Bank Building.

The address of Frank Elmer David, is 908, 72 Madison street, Chicago.

The address of N. D. Gaston, *me*, is Hawthorne, Illinois, care of Western Electric Company.

Smith T. Henry *mse*, is with the Engineering Record, 590 Old Colony Building, Chicago.

The address of L. S. Richards, *me*, is 39th and Stewart avenue, care of the Link Belt Company, Chicago.

Carrie White (Jeffrey), *la*, is living on a farm near Hamilton, Montana, in the Bitter Root Valley.

Lucile Jones, *la*, is teaching science in the Lane Manual Training High School in Chicago. Her address is 743 Oakwood Boulevard, Chicago.

Charlotte Jackson, *lib*, is connected with the Eastern Illinois Normal Library at Charleston, Illinois. Her address is Elsmere Place, Charleston, Illinois.

Maud Mangas (Hagans), *la*, and Dr. Frank M. Hagans, are building a handsome new home in Lincoln, Illinois.

Ella Eugenia Worthen, *la*, and Chas. Robert Maxwell were married December 28, 1909, at Warsaw, Illinois. Mr. Maxwell is principal of the Quincy High School, and their address is 219 South 11th street, Quincy, Illinois.

Margaret Gramesly, *lib*, is connected with the Columbus, Ohio, Library.

Clarence E. Holcomb, *ee*, is in the Bureau of Equipment of the Navy Department.

The address of Clara Ranson (Selters), *la*, is Topoka, Illinois.

Henry T. Wheelock is in the automobile department of the John Deere Plow Company of Kansas City, Missouri. He is now singing tenor at the Independence Boulevard Christian Church, where a \$24,000 organ has just been purchased, and when installed will be the finest organ in the central west.

C. A. Saniewicz, has disposed of his drug store in Chicago. His future plans are not definite as yet.

W. L. Wilson, *ee*, was married to Miss Gertrude Brinkerhoff on April 7, at Springfield, Illinois.

1905

Thomas D. Casserly, 249 Osgood street, Chicago, Secretary.

J. J. Graham, *law*, is now practicing his profession at Springfield, Ill.

The address of Whitman Dart, *arch*, is changed from 211 Bales avenue, to 4031 Tracy avenue, Kansas City, Missouri.

Valentine Smith, *la*, is superintendent of schools at Hollister, California.

Louise Rust (Foss) ex-'05, died at her home in Yonkers, New York, on February 8, 1910.

The address of David T. May, *me*, and R. E. Bowser, *ee*, is 60 Seventh avenue, New York City.

George S. Pope, ex-'05, is now with the United States Geological Survey at Washington. He is the engineer in charge of the government purchase of

coal on the specification basis. This section is a part of the technological branch of the United States Geological Survey. He intends entering George Washington University to finish the work for his degree.

The street address of Frank A. Randall, *ce*, is changed from 4650 Hazel avenue, to 1367 Sunnyside avenue, Chicago, Illinois.

C. P. A. Lonergan, *ce*, is with the Oregon Railroad and Navigation Company, with headquarters at Portland, Oregon.

Ida Hansen (Watrous), wife of C. B. Watrous, *me*, died at Carlsbad, New Mexico, where she had gone for tuberculosis.

Frank P. Johnson, ex-'05, is now in charge of the concessions of the River-view Exposition, Chicago, of which his father is the proprietor.

Kenneth G. Smith, *me*, formerly assistant professor of mechanical engineering in the Engineering Experiment Station, has been named assistant professor of the University of Wisconsin. He will have charge of the university's extension work at Milwaukee.

C. A. Fairweather and Clara Brand (Fairweather), ex-'07, have moved to a farm near Warsaw, Illinois.

John W. Pearson, *me*, has started practice as a consulting engineer in the repair of electrical and mechanical power apparatus, with auto-truck work as a specialty. His office is in Chicago.

John M. Bond, *me*, may be addressed at 904½ First Avenue, Rock Island, Illinois.

Frank W. Hillman, *ce*, is an engineer in charge of the construction of the Northwestern terminal.

1906

Paul E. Howe, Urbana, Illinois, Secretary

The Beardstown papers announce the marriage of John S. Coleman, *la*, ex-'06,

and Miss Glenma Garm, on January 12, 1910. The marriage ceremony was performed by Rev. Thornton Clark, ex-'93.

The address of Earl J. Knight, *late*, is 710 North 10th street, Tacoma, Washington.

Victor E. Hulteen, *me*, is working for U. S. Naval Training Station, Great Lakes, North Chicago. His address is 3830 North Ashland avenue, Chicago, Illinois.

The address of Robert B. Dool, *ee*, is changed from Chicagó, Illinois, to Monroe, Louisiana.

The present address of David Klein, *chem*, is 1018 Mound street, Madison, Wisconsin.

On January 18, 1910, Herman G. James, J. D., *la*, member of the Illinois bar, delivered an address entitled, "A Study in Illinois Constitutional History," at a special meeting of the Chicago Historical Society.

Paul Augustinus, *ee*, lives at 4151 21st Place, Chicago, Illinois.

M. E. Baxter, *me*, is located at Bevier, Macon County, Missouri.

Robert M. Evans, *me*, is sales manager for the Western Electric Company at Seattle, Washington.

E. E. Bullard, *ee*, is engaged in electrical work. His address is 426 South C Street, Tacoma, Washington.

Josephine Meissner, *lib*, is still in the library at the University of Washington. Her address is 4022 10th avenue, N. E., Seattle, Washington.

T. E. Phipps, *ce*, is resident engineer of the Chicago, Milwaukee & Puget Sound Railroad at Northbend, King county, Washington.

C. J. Eastman, ex-'06, was married on February 1, to Miss Janice Cunningham of Winnetka, where they will live. Mr. Eastman is manager of the Eastman Bankers' Agency.

W. H. Gregory has formed a partnership with John F. Bowman, an attorney at Salt Lake City, Utah. His business

address is 406 Utah Savings & Trust Building.

H. J. Merritt is with the engineering department of the Oregon Short Line Railroad Company, with headquarters at Salt Lake City.

John Robinson, *phar*, has purchased the pharmacy of F. F. Fritz, '90, at Earlville. He has taken active charge of the business.

Carroll Ragan has gone into the advertising business in New York. He was formerly editor of the *Galva News*, Galva, Illinois.

L. P. Roberts, *me*, has been with the West Canadian Collieries, Blairmore, Alberta, for two years as the head of the engineering department. He likes the country and finds plenty to do.

O. S. Watkins, *chem*, is out doing field work for the Horticultural Department of the University.

George N. Toops, *ce*, is an assistant engineer for the Oregon Short Line Railroad Company at Pocatello, Idaho.

K. D. Waldo, *la*, has recently been elected superintendent of the Sycamore, Illinois schools.

Sarah Conard (Jacob), *la*, now lives at 2404 Hartsell street, Evanston, Illinois.

Thomas H. Amrine, *ee*, who has been connected with the Engineering Experiment Station at the University since his graduation, has left for Newark, New Jersey, where he will take charge of the lamp testing department of the General Electric Company.

1907

Thomas E. Gill, 921 west Cook street, Springfield, Illinois, Secretary.

This commencement marks the third anniversary of our graduation. Many of us think that we should have a triennial reunion in addition to our regular five year meeting. To this end I appeal to all members of the class that can be present to make the trip to

Champaign on Alumni Day and show the other classes what '07 spirit and loyalty really is. It may be apparently inconvenient. It will be really quite the contrary. The pleasure of seeing the old school will be great. How much more will it mean to all of us if we can see there the faces that we were glad to see in our undergraduate days. The only way that this plan can be made a reality is for each one of us within a radius of three hundred miles to set aside that day and week as belonging to the class. Will you do it? If so drop me a line at 921 West Cook street, Springfield, Illinois, or care of Attorney General. Plans for entertainment will be placed in the hands of a committee so that we can all be together one or more times during our stay.

Let's plaster Alumni Day so thick with "naught sevens" that it will make the rest wonder how we do it. Let's make Alumni Day "our day".

Yours for a big day,

Thomas E. Gill, secretary.

The secretary has moved from Rockford and is now located at 921 West Cook street, Springfield, Illinois. A position in the Attorney-General's office brought about the change. When in the Capital City come out to dinner.

J. A. Dailey, *ce*, is still in the Bureau of Streets of Chicago. His address has been changed to 2224 Warren avenue, Chicago.

A. J. Schafmeyer, *ce*, is with the Board of Local Improvements, City Hall, Chicago. Mail so addressed will reach him.

George Bronson, *ce*, and wife, Daisy Irwin (Bronson), *la*, are now in Springfield. "Shorty" is employed on construction work in the National Cemetery at Riverton.

G. Fred Beyer, our erstwhile German athlete, is now with Armour & Company, at Omaha, Nebraska.

E. Glennie Hunt, *lib*, is now teaching in the Martin School at Mahomet, Illinois.

H. B. Bushnell, *ce*, is in the employ of the Illinois State Highway Commission, with offices at Springfield.

D. H. Rich, *la*, may be addressed at Hartley Hall, Columbia University, New York City.

Sarah M. Hummel, *sci*, is an instructor in the University of Washington. Her address is 1415 Boren avenue, Seattle, Washington.

The address of Walter G. Grierson, *ac*, is changed from 754 Monroe street, Minneapolis, Minnesota, to 166 4th street, S. E., Minneapolis, Minnesota.

Howard B. Bushnell, *ce*, of Springfield, Illinois and Miss Ferne Graham will be married on May 1, 1910.

L. R. Langworthy, *la*, ex-'07, is now at Kemmerer, Wyoming.

Louise M. Huse (Pray), *la*, may be addressed at 5959 Midway Park, Chicago, Illinois.

The address of S. H. Grauten, *ce*, is 20 Glenwood avenue, Yonkers, New York.

Djalma D. Williams, *ce*, has moved from Parsons, Kansas, to 10253 Prespect avenue, Chicago, Illinois.

Walter E. Barton, *me*, is now with the Kewanee Light and Power Company. His address is Y. M. C. A. Building, Kewanee, Illinois.

The address of Lloyd Garrison, *ce*, is 462 East 4th South street, Salt Lake City, Utah.

Frank Hotchkiss McKelvey, *ag*, was married on February 9, 1910, to Gertrude A. Lee, '09. They will live on Mr. Kelvey's farm at Sparta, Illinois.

Charles Garland, *law*, is now in the office of the district attorney of Portland, Oregon, and has charge of the juvenile court in that district.

J. D. Wilson, *la*, is now with the Lafayette Packing Company.

J. D. Ball, *me*, is director of the Edison Club Orchestra, an organization connected with the General Electric Company at Schenectady, New York.

The address of Robert S. Larimer, *ce*, is changed from Estes Park, Colorado, to Wendell, Idaho.

Owen M. Ward, *ee*, and Elizabeth O'Brien, were married at Champaign, Illinois on January 26, 1910. They will live in St. Louis, Missouri, where Mr. Ward is assistant electrical engineer for that city.

C. A. Foreman, *ce*, may be addressed, 163 Henry street, Detroit, Michigan.

John D. Ball, *me*, is still in the laboratory of the General Electric Company, Schenectady, New York. He is getting along well. His address is 14 North Ferry street, Schenectady, New York.

A. W. Archer, *arch*, is a supervising architect for the government.

Otto Schreiber, *ex-'07*, of Chicago, who has been out of the University for two years, has returned to graduate this spring.

Louis H. Mueller, *me*, is with the Denry Renton Clay and Coal Company of Renton, Washington.

L. R. Wilson, *la*, is bookkeeper for Noble Brothers at Fossiland, Illinois.

Frank J. Donnersberger, *ce*, is treasurer of the Empire Car Company. His address is 3608 Michigan avenue, Chicago, Illinois.

M. Lawrence Millsbaugh, *me*, has resigned from the engineering department of the Bettendorf Axle Company, Davenport, Iowa, to accept a position as Chief Inspector in the construction department of the Algoma Steel Company at Sault Sainte Marie, Ontario, Canada.

Myra O'Brien, *lib*, has resigned her position as assistant in charge of periodicals at the University to accept the librarianship of the Galena, Illinois Public Library, made vacant by the resignation of Litta C. Bansbach.

F. W. Frye, *ce*, has been spending the winter with his parents at Bloomington, Illinois. He expects soon to go to the state of Montana, where he has a homestead.

H. E. Merrit, *ce*, is with the Oregon Short Line, with headquarters at Salt Lake City, Utah.

J. P. Beck, *la*, has been elected president of the Illini Club of Chicago.

Frank J. Kammer, *ce*, *ex-'07*, of Scales Mound, Illinois, died at his home in that city on January 17, 1910. He has been in the west since leaving school for his health. Consumption was the cause of his death. Interment was made at Scales Mound.

Roy R. Helm, *la*, has been practicing law in Springfield since passing the bar examination in October.

H. H. Hayes, *ex-'07*, is with the Wy-lie Transportation Company, as manager.

Jeanette L. Worthen, *la*, has been teaching the past year at Farmer City, Illinois.

R. M. Burkhalter, *ce*, is foreman of the open cut work on the Washington street tunnel in Chicago.

John Nydegger, *me*, may be addressed at 610 New Nelson Building, Kansas City, Missouri.

1908

B. A. Strauch, Champaign, Illinois, Secretary

Robert J. Love, *arch*, has taken up his duties as assistant in architecture at the University. He was working in Architect Llewellyn's office in Chicago until he returned to Illinois.

The address of Ethel M. Bushnell, *la*, is changed from 2309 Eldridge avenue, Bellingham, Washington, to Care Fannie Paddock Hospital, Tacoma, Washington.

"Spike" Hunt, *la*, and Fritz Myer, *la*, '07, spent the winter in New Mexico catamount hunting.

M. S. Toops, *ce*, is located at Poca-

tello, Idaho. Address him care of the Y. M. C. A. of that city.

The address of H. E. Kahlert, *ce*, is 221 West Water street, Milwaukee, Wisconsin.

Clarence B. Miller, *ce*, who has been employed in an electric light establishment at Cantine, Illinois, is working for the Chicago Telephone Company in that city.

Thomas B. Lewis, *law*, was married on January 12, 1908, to Miss Jeanette Schmoldt of Beardstown. Mr. Lewis is practicing law in Peoria, Illinois.

Frank Orendorf, *la*, ex-'08, is farming at Delavan, Illinois. He has become very much interested in furthering the interests of the anti-saloon league.

J. M. Bateman, ex-'08, of the firm of Bateman, Garrison and Maddox, is employed as a traveling salesman by the Western Electric Company of Chicago.

The address of Grace B. Logan, *hsc*, is 861 South State street, Lincoln, Illinois.

The address of J. M. Warner, *ce*, is Sweetwater, Texas, instead of Ovalo, Texas.

George E. Pfisterer, *me*, is in the employ of the General Engineering Company of Chicago, Illinois. His street address is 115 Adams street.

The address of Harrison F. Gonnerman, *ce*, is changed from 706 South Second street, to 606 East Green street, Champaign, Illinois.

Louis A. Busch was married at Strasburg, Illinois, on February 2, 1910, to Miss Laura Wascher. Mr. Busch is a member of the law firm of Schumacher ('04) & Busch, Champaign, Illinois.

W. W. Kerch, *ce*, is engaged in paving work at Granite City, Illinois.

H. G. Skinner, *phar*, recently passed the state examination for registered

pharmacist in California. He intends to locate in that state.

Robert M. VanPetten, *ce*, is located at Pocatello, Idaho.

B. J. Grigsby is managing director of the Benjamin Electric Limited. His address is 1 A Roseberry avenue, London-East Center, England.

J. M. Warner, *ce*, has bought a stock ranch near Waco, Texas. Jim was always doing the unexpected.

The address of Beatrice M. Butler, *la*, is 1330 Henry street, Alton, Illinois.

The address of Charles F. Dieter, *chem*, is 5345 Ellis avenue, Chicago, Illinois.

Harry Burgess, *sci*, *ce*, '09, is employed by C. A. R. Turner, Consulting Engineer of Minneapolis, Minnesota. His street address is 816 Phoenix Building.

Jesse O. Tucker, *ce*, is located at Champaign, Illinois with the Illinois Traction Company.

The address of John W. Cairns, *ce*, is 1828 North Park avenue, Chicago, Illinois.

Briggs O. Brown, *ce*, has been transferred from the Ordnance Office, War Department, Washington, D. C., to the United States Engineer Department, Portland, Oregon. He is engaged in engineering work in connection with the river and harbor improvement in that district. He may be addressed at Room 321, U. S. Custom House, Portland, Oregon.

Joseph K. Moore, *cer*, is ceramics engineer for the Denny Renton Clay & Coal Company, Seattle, Washington.

E. J. Bartells, *chem*, is a chemist with the Denny Renton Clay & Coal Company, Seattle, Washington.

H. J. Hoff, *Ph. D.*, '08, is instructor of German in the University of Washington.

The address of Carl Ten Broeck, *sci*, is changed from 172 Brookline avenue,

Brookline, Massachusetts, to 211 East 68th street, New York City.

D. L. Weatherhead, *ch, c*, is with the U. S. Food and Drug Inspection Laboratory, corner Washington and Christopher streets, New York City.

E. F. Gilstrap, *arch*, and Miss Elma Anderson, were married at Tacoma, Washington, late in December.

Fleda Straight, *lib*, resigned her position in the catalog department of the University Library on December 1, and spent the winter in California. She has been succeeded by Ida L. Lange, *lib*, who was transferred from the accession department.

Annabel Fraser, *lib*, has resigned her position at Armour Institute library and is at present cataloging a private library in Chicago.

Herbert C. Zink was married on March 5, 1910, at Urbana, Illinois, to Miss Ruby Christopher. They will make their home in Huntington, Indiana, where Mr. Zink has a position with the engineering department of the Erie Railroad.

K. E. Hellstrom, *ee*, is in charge of the purchase accounting department of the Butler Paper Company, Chicago. His address is 2514 Evanston avenue, Evanston, Illinois.

George E. Jaquet, *ee*, some time ago entered the services of the New York Central & Hudson Railroad in the Testing Department of the Electric Division, with headquarters at the Yonkers Power Station. His present address is 296 Woodworth avenue, Yonkers, New York.

Ethel M. Bushnell, *la*, after graduating from the Chicago Kindergarten Institute in June, 1909, spent the summer assisting in the model kindergarten at Chautauqua, New York. At present she is directing the only kindergarten in Bellingham, Washington, a city of forty thousand people, her address being 2309

Eldridge avenue at that place. On her way to her present work, she visited her brother H. B. Bushnell, *ce*, '07, who is with the Illinois State Highway Commission, and H. L. Bushnell, *ae*, '08, who is in the building department of Seattle, Washington.

J. M. Watters, *la*, who is now a teacher and principal of the high school at Palestine, Illinois, was recently married to Miss Hotchkiss of that place.

The address of A. B. Campbell, *ce*, is 2320 Kenilworth avenue, Norwood, Ohio.

H. A. Brand, *arch*, is with Fritz Foltz, architect, 1308 Hartford Building, Chicago.

G. L. Munger, *me*, is in the employ of Deere and Company, Moline, Illinois. His address is 748 17th street, Rock Island, Illinois.

The address of E. A. Weber, *ce*, is 129 South Jefferson street, Green Bay, Wisconsin. He is in the employ of Greiling Brothers Company of that city.

M. L. Morgan, *ce*, is with the South Dakota Engineering Company at Mitchell, S. D.

R. E. Deets, *ee*, who is in the employ of the International Harvester Company as electrical engineer and master mechanic at Sterling, Illinois, announces his marriage on November 24, 1909, to Miss Pansy Treasher of Sterling.

G. C. Bartells, Jr., *chem*, is night superintendent of the plant of the American Refining and Smelting Company at Murray, Utah.

A. O. Harris, ex-'08, is in the engineering department of the Oregon Short Line, at Salt Lake City, Utah.

The address of R. C. Pierce, *ce*, is 1320 Page street, San Francisco, California.

L. McDonald, *ce*, is instructor in civil engineering at the University. His address is Y. M. C. A. Building, Champaign, Illinois.

J. L. Stair, *ce*, is with George P. Nichols and Brother, 1090 Old Colony Building, Chicago. He may be addressed at 6131 Lexington avenue, Chicago.

F. Van Inwagen, *me*, is in the employ of the Illinois Engineering Company, 1216 Manhattan Building, Hinsdale, Illinois.

R. E. Robinson, *me*, is with the Olta Gas Engine Company. His address is 166 North Scoville avenue, Oak Park, Illinois.

The address of F. N. Ropp, *ce*, is Boise, Idaho.

F. L. Hanson, *ee*, is with the Western Electric Company. His address is 5903 Erie street, Chicago, Illinois.

M. A. Haynes, *ce*, is engaged in railroad engineering work in California.

L. H. Hazard, *ee*, is working for the Veile Motor Company of Rock Island, Illinois.

S. K. Atkinson, is engineer and manager of the Centerville Milling and Mine Company at Centerville, Idaho.

R. O. Harder, *ce*, is employed on western railroad work.

T. R. Howser, *ce*, is in the office of the superintendent of the D. L. & W. railroad at Scranton, Pennsylvania.

T. G. Lowry, *ce*, is assistant engineer on the P. & P. U. Railroad at Peoria, Illinois.

M. H. McCoy, *ce*, is engaged in consulting engineering work with an office at Chicago Heights, Illinois.

A. Schwerin, *ce*, is Secretary of the Burlington Wickerware Company of Burlington, Iowa.

C. M. Slaymaker, *ce*, is assistant city engineer of Champaign, Illinois.

C. E. Waterhouse, *ce*, is city engineer of Mt. Pleasant, Iowa.

D. J. Grant, *ce*, is employed on inter-urban work at Joliet, Illinois.

H. H. Ziesing, *ce*, is with the U. S. Steel Corporation at Gary, Indiana.

B. P. Burgess, *ce*, is engaged in engineering work in Montana.

F. Bach, *sci*, is studying medicine at Rush Medical College, Chicago.

A. H. Daehler, *la*, is instructor in rhetoric at Purdue University, Lafayette, Indiana.

F. J. Kegley, *arch*, is engaged in architectural work at Los Angeles, California.

Robert J. Candor, *arch*, is engaged in architectural work in Oklahoma City, Oklahoma.

David S. Meadows, *ce*, and Robert W. McCracken, *ce*, are assistant engineers with the Oregon Short Line Railroad Company, with headquarters at Pocatello, Idaho.

Frank M. Byres, *ag*, instructor in Blackburn College at Carlinville, is conducting a series of experiments for that institution under the direction of the University Agricultural Experiment Station.

Frank L. Cook, *ee*, was married to Frances Alys Hall of Berwyn, on March 16. Mr. Cook is with the North Shore Electric Company and will be in charge of their new plant at Dundee, Illinois, after its completion.

Albert Philip Hueckel, *ce*, and Clara-belle Cook, ex-'06, were married October 16, 1909, in Tacoma, Washington. Their home address is 2711 North Washington street.

G. C. Oldstead, *me*, has accepted a position with the Mining and Iron Works at Crystal City, Michigan.

1909

Lion Gardiner, president of the class for last year, wishes to announce to the members of the class that the arrangements for the erection of the 1909 memorial have already been made, and that he has the definite promise of Professor White that the memorial will be in place by the first of May.

Walter C. Locke, *ce*, is employed in the engineering department of the Centerville Maine and Milling Company, of Centerville, Idaho.

The permanent address of B. M. Beach, *ce*, is Huron, South Dakota.

W. C. Johnson, *ce*, has been appointed a division engineer in the service of the Big Four Railroad Company with temporary headquarters at Cincinnati, Ohio. He is to have charge of a new line of railroad to be built by the company between Mt. Carmel, Illinois and Evansville, Indiana.

L. R. Kelley, *law*, has passed the state bar examination recently held at Ottawa, Illinois.

John F. Weiss, *is* employed by the Burlington Railroad as an inspector, with headquarters at St. Louis, Missouri.

F. B. Nicodemus, *ce*, is teaching in Osaka, Japan. He writes that he is greatly interested and enjoys his work.

O. S. Thal, *la*, who has been located in Seattle for some time, sailed from that place on January 17, for British East Africa, via Cape Town and Mombasa. He will be connected with the African Inland Mission at Kijabe.

E. F. Maryatt, *ee*, is with the Pacific Telephone and Telegraph Company. His address is 114 Harvard avenue, North, Seattle, Washington.

Homer DeWitt, *ce*, is in the employ of the Missouri Pacific Railroad Company with headquarters at Snowlake, Arkansas.

Dean S. Dorman, *la*, is employed by the Aluminum Cooking Utensil Company of Pittsburg, Pennsylvania.

Warren S. Williams, *chem*, has a position with the American Terra Cotta and Construction Company.

E. H. Tice, *law*, is practicing law at Greenview, Illinois.

J. C. Herbstman, *law*, is an instructor in the University of Washington. His

address is 3922 Woodland Park avenue, Seattle.

Lela Bullock, *la*, is teaching in Tacoma, Washington. Her street address is 411 South 4th street.

C. M. Eastman, *la*, is assistant principal of the Hector High School, at Hector, Minnesota.

A. B. Peterson, ex-'09, of Moline, who returned to the University to complete his course has been forced to withdraw on account of ill health.

Kie Cattron, ex-'09, of Fairview and Pierce Barry, ex-'09, have returned to the University.

C. E. Corrington, *ce*, of Moweaqua, Illinois, is with the Westinghouse Electric & Manufacturing Company at Pittsburg, Pennsylvania. His address is 205 Marguerite avenue, Wilmerding, Pennsylvania.

Martin E. Evans, *me*, is instructor in Farm Mechanics at Cornell University, Ithaca, New York.

The address of George S. Russel, *ce*, is changed from 1051 Minnesota avenue, Kansas City, Kansas, to 4205 Independence avenue, Kansas City, Missouri.

Howard D. Braley, *ee*, is with the Westinghouse Electric & Manufacturing Company of Pittsburg. His address is 205 Marguerite avenue, Wilmerding, Pennsylvania.

Leonard Buck, *la*, is with the N. W. Halsey & Company Banking House. His address is 3171 Groveland avenue, Chicago, Illinois.

The address of Lion Gardiner, *me*, is 814 East 45th street, Chicago, Illinois.

Ollison Craig, *me*, may be addressed Boulder, Colorado, care of the University of Colorado.

B. A. Brackenbury, *mse*, is now with the locating engineer of the C. S. & P. M. Railway, with headquarters at Kendrick, Nez Perce County, Idaho.

W. A. Butler, *ree*, is located at 860 Union street, Schenectady, New York.

J. J. Walledom, *ce*, has been promoted to the position of plant engineer of the Lassig Plant of the American Bridge Company of Chicago. His street address is 2501 North Monticello avenue, Chicago.

A recent issue of the *Chicago Record-Herald* speaks of J. A. Lindberg, *ree*, as the champion half-miler of that city.

A. L. Tull, *la*, is a student at the Northwestern Dental College.

Charles A. Nash, *ee*, is located at 860 Union street, Schenectady, New York.

John V. McIntyre, *la*, who since his graduation has been employed in a bank in Chicago, has gone to Medford, Oregon.

W. T. Miller, *law*, is cashier of the Peoples National Bank, McLeansboro, Illinois.

Leonora Perry, *lib*, is doing bibliographical work for Dr. Grindley in the Department of Agriculture, University of Illinois.

Roxana Johnson, *lib*, who has been doing bibliographical work in the Department of Economics, and in the Catalog department of the University of Illinois library, began her duties on January 1 as head cataloger at Washington State College, Pullman.

Beulah Giffin, *lib*, ex-'09, has been appointed junior reviser at the Illinois Library School for the present semester.

Mary Bigelow, *lib*, ex-'09, has leave of absence from Rockford Illinois Public Library to complete her work at the University of Illinois Library School. She will graduate with the class of 1910.

Lion Gardiner, *me*, has been appointed an assistant in the smoke inspection department of the city of Chicago. Robert Kuss, '02, and Lloyd R. Stowe, '05, are in the same department, Mr. Kuss being first assistant inspector.

Roma E. Renner, ex-'09, was married

on February 22, 1910 to Chester A. Morehouse of Mahomet, Illinois.

Edith Bullock, *la*, has resigned her position as assistant principal of the Saybrook, Illinois high school on account of ill health.

H. J. Wernsing is with the State Board of Health, Salt Lake City, Utah.

F. H. Lindley, *la*, is with the firm of R. F. Herndon, Springfield, Illinois, and has recently received a promotion.

The engagement of Miss Rhoda Reinhardt, ex-'11, to Mr. Bruce King, *ag*, has recently been announced.

A. M. Korsmo, *ce*, has accepted a position as assistant engineer of the Centerville Mining Company of Centerville, Idaho.

Word has been received from Fred Wham, *law*, formerly of Salem, Illinois, and now a practicing attorney at Fort Smith, Arkansas, telling of the birth of a son.

R. L. Bell, *ce*, is with the Illinois State Highway Commission at Springfield.

W. C. Swett, *ce*, is now with the Oregon Short Line Railroad Company. His address is Box 51, Pocatello, Idaho.

J. C. Lund, *me*, ex-president of the Illinois Scandinavian Club, represented Illinois at the national convention held in Minneapolis, February 26.

Avery Brundage, *ce*, has charge of the steel construction work that is being done on the Sherman House in Chicago. His address is 553 Fullerton avenue.

W. L. Dunn, *ce*, is with Ira G. Hedrick, 118 McGee street, Kansas City Missouri.

Raymond Schumacher, *arch*, is with Howe & Hoyt, 315 East 10th street, Kansas City, Missouri.

Ernest T. Ingold, *me*, graduate manager of athletics at the University since his graduation, has resigned to accept the position of publicity man with the

Los Angeles Investment Company, of Jenny, Mundy, Jenson of Chicago.
 Los Angeles, California. The engagement of John G. Seeley to
 "Jack" Horner, *arch*, is now with Amy Rolfe, '08, has been announced.

MARRIAGES

- ex-04 W. L. Wilson to Miss Gertrude Brinkerhoff, on April 7, at Springfield, Illinois.
- 1899 John Newton Herwig, *me*, to Pearl Merrill, on January 15, 1910, at Los Angeles, California.
- 1897 F. W. Schacht, *-sci*, to Lucie Hammond, on April 24, 1909, at Chicago, Illinois.
- 1897 O. D. Havard, *ee*, to Anna L. Lobse, on October 26, 1909, at Brooklyn, New York.
- 1901 Arthur D. Emmett, *chem*, to Clara Bullard, on February 10, 1910, at Mechanicsburg, Illinois.
- 1903 LeRoy Fitch Beers, *me*, to Clara Ellen Darrohn, on March 13, 1910, at Rush, New York.
- 1904 Ella Eugenia Worthen, *la*, to Charles Robert Maxwell, on December 28, 1909, at Warsaw, Illinois.
- 1905 Robin Roy Reid, *law*, to Daisy Leona McClanahan, on January 15, 1910, at Lincoln, Nebraska.
- ex-05 W. I. Zeigler, *ag*, to Lillian Chambers, on December 29, 1909, at Leipzig, Ohio.
- 1906 Charles Clement Carr, *ee*, to Josephine Nickerson, on November 29, 1909, at New York City.
- 1906 Earl J. Knight, *law*, to Catherine Gould, on March 28, 1910, at Beardstown, Illinois.
- ex-06 Ruby Christopher, to Herbert C. Zink, ex-'08, on March 5, 1910, at Urbana, Illinois.
- ex-06 Clarabelle Cook, to Albert P. Hueckel, *ce*, '08, on October 16, 1909, at Tacoma, Washington.
- ex-06 John S. Coleman, *la*, to Glenna Garm, on January 12, 1910, at Beardstown, Illinois.
- ex-06 C. J. Eastman, to Janice Cunningham, on February 1, 1910, at Winnetka, Illinois.
- 1907 Frank Hotchkiss McKelvey, *ag*, to Gertrude Ann Lee, *hsc*-'j9, on February 9, 1910, at Champaign, Illinois.
- 1907 Djalma D. Williams, *ce*, to Edna Black, December, 1909, at Clinton, Illinois.
- 1907 Owen M. Ward, *ee*, to Elizabeth O'Brien, on January 26, 1910, at Champaign, Illinois.
- 1908 Albert P. Hueckel, *ce*, to Clara-belle Cook, ex-'06, on October 15, 1909, at Tacoma, Washington.
- 1908 Thomas B. Lewis, *law*, to Jeanette Schmoldt, on January 12, 1908, at Bearstown, Illinois.
- 1908 Burton Floyd Tucker, *ee*, to Emma Heilman, on November 23, 1909, at Decatur, Illinois.
- 1908 Louis Arthur Busch, *law*, to Laura Wascher, on February 2, 1910, at Strasburg, Illinois.
- 1908 Eugene Franklin Gilstrap, *arch*, to Elma Anderson, on February 9, 1910, at Tacoma, Washington.
- 1908 Fred Ebert, *dentistry*, to Margaret Dresser Gorham, on March 31, 1910, at Champaign, Illinois.
- ex-08 Herbert C. Zink, *me*, to Ruby Christopher, ex-'06, on March 5, 1910, at Urbana, Illinois.
- 1909 Gertrude A. Lee, *hsc*, to Frank Hotchkiss McKelvey, *ag*-'07, on February 9, 1910, Champaign, Illinois.

- ex-09 Roma E. Renner, *music*, to Chester A. Morehouse, on February 23, 1910, at Urbana, Illinois.
- 1910 Wendell P. Renner, *la*, to Nina Jones, on December 24, 1909, at Collinsville, Illinois.

DEATHS

- 1872 James Newton Matthews, born May 27, 1852, at Greencastle, Indiana, died March 7, 1910, at Mason, Illinois.
- ex-77 John Farson, born October 8, 1855, at Union City, Indiana, died January 18, 1910, at Oak Park, Illinois.
- ex-96 Darley Howse (Phillips), *la*, born at Champaign, Illinois, died January 11, 1910, at DeLand, Florida.
- ex-96 Frank Fitzwilliams, born January 16, 1875, died April 3, 1910, at West Frankfort, Ill.
- 1901 William Meier, *ce*, born April 10, 1878, at Muscatine, Iowa, died February 14, 1910, at Chicago, Illinois.
- ex-05 Louise Rust (Foss), *la*, born October 23, 1875, died February 8, 1910, at Yonkers, New York.
- ex-07 Ida Frances Hanson (Watrous), *la*, born January 23, 1882, at Villa Grove, Illinois, died February 22, 1910, at Carlsbad, New Mexico.
- ex-07 Frank Kammer, *ce*, born July 31, 1882, died January 17, 1910, at Scales Mound, Illinois.

BIRTHS

- 1894 To Gertrude Shawhan (Schaefer), *la*, and Frank Robert Schaefer, over a year ago, a son, John Warren.
- 1897 To Hubert V. Carpenter, *ce*, and Maggie Staley (Carpenter), *la*, on December 15, 1909, a son, Arthur Clarence.
- 1897 To James Ansel Dewey, *sci*, and Elsie Smith (Dewey), on July 29, 1909, a son, Milton Alonzo.
- 1899 To Maggie Staley (Carpenter), *la*, and Hubert V. Carpenter, *ce*, '97, on December 15, 1909, a son, Arthur Clarence.
- 1899 To Gwavas F. Beckerleg, *ce*, and Clara Ungewitter (Beckerleg), on November 7, 1908, a son, William G.
- 1899 To Louis Dixon Hall, *ag*, and Elizabeth Wilder (Hall), on March 5, 1910, a daughter, Elizabeth Virginia.
- 1899 To John Latzer, *ag*, and Clara Briggs (Latzer), on October 23, 1909, a son, John Briggs.
- 1899 To Lucile Booker (Watkins), *la*, and Charles B. Watkins, on June 6, 1909, a daughter, Harriett Wendell.
- 1900 To James Piatt Kratz, *la*, and Maude Martin (Kratz), on December 29, 1909, a son, William Martin.
- 1900 To John K. Bush, *la*, and Helen Taylor (Bush), a daughter, Eleanor Isabel.
- 1902 To Helen Taylor (Bush), *la*, and John K. Bush, a daughter, Eleanor Isabel.
- 1902 To O. Carter Boggs, *la*, and Ethel Woodin (Boggs), on De-

- cember 19, 1909, a son, Dwight Stanley.
- 1902 To Nathan Wilkinson, *ee*, and Helen Stookey (Wilkinson), *la*, '04, on February 13, 1910, a son.
- 1904 To Clara Ranson (Selters), *la*, and Joseph Selters, on January 31, 1910, a son, Nelson.
- 1904 To Helen Stookey (Wilkinson), *la*, and Nathan Wilkinson, *ee*, '02, on February 13, 1910, a son.
- 1905 To Wesley N. Spitler, *ee*, and Ruth Keene (Spitler), on December 1, 1909, a son, Abram Keene.
- 1906 To Clinton M. McCully, *la*, and Anice Nichol (McCully), a daughter, Agnes Elizabeth.
- 1907 To Lloyd S. Dancey, *la*, and wife, on march 15, 1910, a son, Robert Jesse.
- 1909 To Fred L. Wham, *law*, and Carrie Hitch (Wham), a son.
- ex-09 To Lois Green (Guild), *la*, and Thatcher Howland Guild, on December 28, 1909, a daughter, Margaret Elizabeth.

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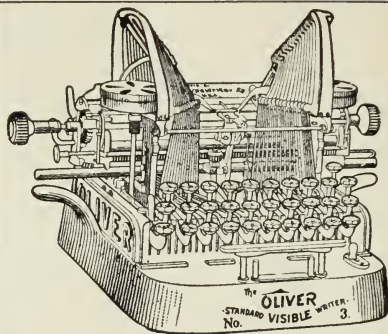
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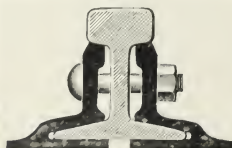
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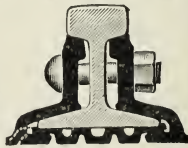
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SELIM HOPART PEABODY

THE ALUMNI QUARTERLY

OF THE UNIVERSITY OF ILLINOIS

VOLUME IV

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NUMBER 3

MAKERS OF THE UNIVERSITY

V. SELIM HOBART PEABODY

By THOMAS J. BURRILL

Selim Hobart Peabody was a descendant in the eighth generation of John Peabody, who, migrating from England, settled in Plymouth, Massachusetts, in the year 1636. William, a son of John, married Betty, the daughter of John and Priscilla Alden.

The family name was a prominent one in colonial times and later, including for the more recent period two well-known professors in Harvard University and George Peabody, the eminent merchant-philanthropist.

Dr. Peabody was born at Rockingham, Vermont, August 20, 1829, and died from apoplexy in St. Louis, Missouri, August 20, 1892. His father was a minister of the Baptist church, who died at Randolph, Massachuestts, when the boy was thirteen years of age. The mother's name was Grace Stone Ide. The lad had already made promising progress in school work and was ambitious to prepare for college. He entered the Public Latin School of Boston in 1842 where he remained one year, but owing to his father's death was compelled to quit school and help earn a livelihood for himself and others. For five years he worked at various forms of manual labor and taught school, then at the age of nineteen he entered the University of Vermont at Burlington and graduated in 1852, supporting himself in the meantime by teaching. He was a member of a Greek letter fraternity and won election to the Phi Beta Kappa society. For one year he was principal of the Burlington High School, then for the same length of time teacher of mathematics in the Collegiate Institute at Fairfax. In 1854 he became professor of mathematics and physics in the Polytechnic College of Philadelphia, Pennsylvania, where he also gave instruc-

tion in engineering and mechanics and to some extent in architecture and mining. Here he remained three years, but was compelled to leave because of the financial straits of the institution. His next employment was that of chief clerk in the United States Land Office at Eau Claire, Wisconsin; in 1859 he took charge of the city schools of Fond du Lac, Wisconsin, and in 1862 was made superintendent of schools of Racine in the same state. Three years afterward he removed to Chicago, where he became instructor in chemistry, physics, and astronomy in the city high school and where he prepared a series of juvenile books in natural sciences, and text books upon arithmetic and astronomy. Here also he organized and directed the evening high school.

While employed in the position last named he was offered on March 11, 1868,—Inauguration Day—the professorship of Mechanical Science and Engineering in the newly founded Illinois Industrial University. This was declined, but in 1871 he went to the Massachusetts Agricultural College at Amherst as Professor of Physics and Civil Engineering, where he remained three years and then returned to his old position in Chicago, serving also from 1875 as secretary of the Academy of Sciences. In 1877 he received the degree of Doctor of Philosophy from the University of Vermont.

In October, 1878, he accepted the appointment in the Illinois Industrial University of Professor of Mechanical Engineering and Physics and entered upon the duties of the office on the 10th day of that month. He resigned at the close of March, 1880, to accept in New York City the work of editor-in-chief of what later became the International Encyclopedia, but on July 27 of this year he was re-appointed to the same professorship and made Regent *pro tempore* and assumed the new duties on August 15th. While in New York he prepared a volume of orations and addresses entitled, "American Patriotism". On March 9, 1881, Doctor Peabody was elected Regent of the University (the designation prescribed by the state law founding the institution for the office usually called president) and continued as such until he presented his resignation, June 10, 1891. During this period he declined the appointment as president of Rose Polytechnic Institute at Terre Haute, Indiana, notwithstanding the larger salary offered, and also chose not to accept the place as Assistant Secretary of Agriculture at Washington, D. C., under President Harrison. He m-

stalled the exhibit of the State of Illinois at the New Orleans Exposition in 1885, and in 1887 was manager of the National Educational Exhibit at Chicago. In 1889 he was president of the National Council of Education. He received the degree of Doctor of Laws in 1881 from Iowa State University. While connected with the University he was Fellow of the American Society for the Advancement of Science, Fellow of the London Society of Science, Letters, and Arts, Member of the Société Entomologique de France, and of other similar organizations. As an amateur he was an accomplished entomologist and took much pride in a notable collection of insects he succeeded in making and suitably arranging.

Doctor Peabody resigned as Regent of the University to accept the position of Chief of the Department of Liberal Arts in the World's Columbian Exposition, an important office for which he was eminently fitted. After the close of the Exposition he was long engaged upon the report of the Director General, and at length was himself made Acting Director General. In 1899-90 he was Editor and Statistician under Commissioner Peck for the Paris Exposition, in 1890-91 was Superintendent of the Division of Liberal Arts of the Pan-American Exposition at Buffalo, and later was Superintendent of Awards at the Exposition at Charleston, South Carolina. In 1902-03 he held a position upon the staff of the Director General for the Louisiana Purchase Exposition at St. Louis and was in this service when overtaken by death in the 73rd year of his age.

As recorded above, Mr. Peabody's first duties in the University were as Professor of Mechanical Engineering and Physics, and he continued in chief charge of these subjects for several years (Physics, until '84-'85; Mechanical Engineering, until '88-'89).

Almost all of his adult life had been spent in teaching and accompanying activities, and nearly all of it in and for public schools. He was an "educationist" as the term is usually applied, rather than a technically trained expert. Yet he was without doubt the best prepared man that could have been secured for the specialties assigned him. In our present sense of the term there were no mechanical engineers, and certainly none who may have assumed that title that were capable of organizing and conducting a course of collegiate instruction adapted to the purpose of preparing such professional experts with suitable accompanying

scholastic attainments. He was a naturally gifted man in many ways, including remarkable deftness with his hands. He was equally expert with a jack knife and with a set of draughting instruments, and his knowledge was notably precise regarding the construction of mechanisms from telescopes to steam engines.

At the time the material equipment on the ground for teaching mechanical engineering was very meager, consisting only of the wood-working and iron-working shops very simply furnished, two steam boilers in the basement of University Hall—then called the Main Building—used for heating the rooms—a steam heating plant in the Chemical Laboratory (now, Law Building), and an array of models of machines, etc., from the Patent Office in Washington.

There were as quasi-assistants to the new professor three men, one of the rank of "Assistant", giving half his time to physics, and a foreman each for the machine and carpenter shops. No physics laboratory in any wise worthy of the name had existed before, and the first real accomplishment of the new professor was the remodeling and refurnishing of rooms in University Hall for this purpose. Here were soon arranged facilities for practice work by students, and a carefully planned series of problems was given them, constituting a graded course of twenty-four weeks. In the meantime, the shops were put in order, the facilities for instruction increased and systematized, and well recognized improvements were quickly made. Within a year and a half, Professor Peabody abundantly demonstrated his comprehension of the requirements for the new kinds of instruction, his own ability and power as a teacher, and his capacity for winning friends from all ranks in the institution. His work as a member of the Faculty during this time was successful in the highest degree, and there was regret everywhere when he resigned in February, 1880, withdrew to accept a more lucrative position in a publishing house in New York. The class in Physics, at a meeting called for the purpose, presented him with a token of their high regard, and the Faculty passed with others a resolution as follows:

"Resolved, that in his departure the University loses a tower of strength; the Faculty, a member wise in counsel, ready in action; his department, a professor conspicuous for varied and profound scholarship, 'workman that needeth not to be ashamed'; our own social circle, an ornament and a grace."

It was then supposed the separation was a final one, but events soon followed which brought many changes in the situation. The following June Doctor Gregory resigned as Regent and made a vacancy which was deemed a very hard one to fill. The Trustees very naturally turned again to Professor Peabody, and after some negotiations it was arranged that he should return to his former professorship and should also soon be elected to the office of Regent. This proposition caused much favorable comment, and it was carried into execution with great satisfaction to friends of the institution at home and abroad. The first issue of the ILLINI next September contained an editorial enthusiastically welcoming the return of the esteemed professor and expressive of joy that he was selected for the place of chief executive of the University. He was made Regent *pro tempore* while filling out the unexpired term of his predecessor, and on March 9, 1881, was formally elected to the office of Regent.

The institution had been liberally planned but very poorly supported; it was founded with confident expectations of creating a new era in education, but very slow development followed. Its best friends were not agreed among themselves as to aims and policies, and enemies were not wanting. The offer of the congressional land grant had been accepted by the State under terms requiring the latter to found and adequately to maintain such an institution, but appropriations had been small and infrequent. The total amount received prior to 1880 (for thirteen years) was \$348,550, and of this \$253,000 was for buildings, \$23,000 was for the payment of taxes, and \$13,500 was for field experimentation and shop materials, leaving \$59,050 for putting the site in order and caring for the grounds, the purchase of equipment, books for the library, museum specimens, etc.,—\$59,050 for such running expenses for twelve and a half years! Not a penny for instructors' salaries, janitor and other such services, fuel and lights, and the like.

There is little wonder in the light of more recent experience that development was, and continued to be for another decade, slow. There was, however, another and more prevailing reason for this. The apparent stupor of the state legislature was in keeping with that of the people at large in regard to educational affairs. The recoil from the Civil War left the country in poor shape for such activities. It was not financially prosperous; im-

mediate returns were required for private and public investments. No colleges or universities in the land were growing much if at all and everywhere for the same reason. There was nowhere a single stimulating example, nothing to encourage competitive activity, and the sluggish momentum continued the condition longer than the causes made necessary. Even those engaged in the work came to accept the situation as somewhat normal or practically inevitable and set their pace accordingly. It would have been a rare spirit that could have predicted the brilliant renaissance that afterward occurred. He would have been seeing visions and dreaming dreams.

The records made in this sketch must be interpreted in the light of the condition of things just explained. Legislative apathy or inability was natural under the circumstances. Large appropriations were not to be expected even with the best of good will on the part of the legislators, and large askings like those of later years would have seemed ridiculous.

Otherwise, the new Regent assumed his duties under favorable auspices. He was welcomed with genuine enthusiasm on the part of members of the Faculty and the students. He seemed to be in every way the man for the place. Physically, he was a fine specimen of manhood in its prime; his scholarship was of a high order, and he was always able to use it advantageously; in writing he expressed himself in a clear, correct, and forceful style; he possessed a good voice and clothed his thoughts in polished, effective utterance. He was not an orator after the pattern of his predecessor. He dealt in facts and truths in scientific fashion rather than in poetic flights of imagination. He sometimes failed in the conventional "small talk" of society and was seldom inspiring upon a strictly impromptu occasion. Though having had what is called a classical education, he believed thoroughly in the ideals upon which this more modern University was founded,* and with pen and voice diligently and ably sought to promote their acceptance by others.

With clearly conceived ideals and carefully formulated plans he threw himself effectively into the discharge of his duties and labored vigorously in the interests of the institution. He systematized administrative affairs, instituted improved book-keeping,

*See an address: "What Work Is Legitimate to the Institutions founded on the Congressional Grant of 1862." Eleventh Report, Board of Trustees, p. 55. 1882.

and gathered up loose ends everywhere. It seemed unavoidable that he should personally attend to many details. It was before the days of trained office assistants. Throughout his administration he had no stenographer. The University did not own during his time a type-writing machine. The official correspondence was mainly conducted in his own handwriting. There was no Registrar. At the beginning of each term he personally issued class permits and at the close recorded class grades. Aside from his headship in the department of Mechanical Engineering and Physics, he taught classes (during different terms) in Mechanics and Hydraulics and Mental Science. In the last all seniors were required to register. It is little wonder that there was not much time for effective campaigning outside or for dreaming of future greatness.

It was a mistake, owing to the fashion of the times as much as to personal characteristics, that the Regent should have been so burdened with petty affairs. The most successful administration includes parceling out duties in an explicit manner to subordinates and then requiring nothing but results.

The first serious hitch came in regard to an internal strife largely between the elaborately organized students' government and the members of certain secret fraternities. The articles of government which had been approved some years before by the Faculty provided for a court for the trial of students accused of violations of promulgated laws. The officers of this court were also students, and contests came to be continued outside of the council chambers. For this and other reasons the Regent recommended that secret societies should be barred and no student while a member of the University should be permitted to acquire or maintain membership in them. The recommendation was approved by the Trustees without a dissenting voice, but this did not end the trouble. From this time more or less influential antagonism existed, directed chiefly against the officer whose duty it was to execute the mandate. Unfortunately, he proved to be sufficiently sensitive to criticism to make it discomforting, and after a while to allow it to impair the real cordiality of his nature towards those deemed to have anything to do with it. Frequently thereafter there was some evidence of strain in the relations between himself and members of the Alumni and to some extent of the student body. This was not all on account of the cause mentioned,

but it so originated and the effects long continued to the harm of the institution.

Another occurrence added needless discomfort to the man, among others, in the executive office and inflicted no little injury generally. This grew out of a very simple matter and only came into prominence because of the serious complications resulting from the cumbrous methods of procedure in matters of college discipline.

One of the cadet captains in the Military organization failed to receive an examination grade sufficient, according to rule, to permit him to continue in his official position. His brother officers, believing an injustice had been done, entered into what would now be called a strike, undertaking thereby to compel his reinstatement. Here was then new cause for disciplinary treatment, and it went to the Faculty for adjudication because that was then a function of this body. It was at the time, is now, and ever will be impossible for a large number of officials occasionally meeting together, reaching decisions by votes, often lacking one time with another in consistent action, to conduct disciplinary matters effectively or wisely. Then to make matters worse, dissatisfied students were permitted to appear with their troubles to the Trustees, who sat as a high court and in effect put the Faculty upon trial. So it proved in this case, and a matter that ought to have been and could have been smoothly adjusted was permitted to fester like a painful sore in the life of the University. It made the office of Regent unnecessarily burdensome and was enough to jeopardize the influence of any man who occupied it. Possibly some other would have organized his forces better and would have compelled the centering of authority where it belonged, but it was a sin of the times and of common custom not of one man or of one body of men. This, too, must be taken into account in interpreting the administration under consideration.

The name Illinois Industrial University was never understood in the public mind in the sense originally intended. The promoters meant it should mean an institution in which a liberal education should be offered as high in scholarship, as rich in quality as that anywhere available, but that it should be more particularly suited to those engaged in industrial pursuits, in distinction to the professions as they were then recognized. But the prevailing impression gained for the name was that manual

labor was a prominent feature, or perhaps that it applied to a penal institution to which convicts were sent.

A bill was introduced at Springfield ostensibly and in good part actually by the efforts of graduates and their friends, changing the name to that of the University of Illinois. But the Regent's official position and his personal influence was necessary and was freely exercised in overcoming strong opposition encountered and in assuring friends that such change would not be detrimental to the true "industrial" ideas of the early advocates. It was clearly shown that the turn towards the actual affairs of actual life had been too well made to fear reversal. The so-called cultural studies which had never been ruled out offered no menace to those supposed to be more directly concerned with the necessary activities of the real life of common men. So the bill passed. The change of name made no difference in the conduct of affairs, but it did change public estimate of the institution in a marked degree, and it has since been possible to carry onwards its development far beyond what could otherwise have been the case. With the change, Regent Peabody's own name must forever be closely associated.

In spite of apparently insurmountable obstacles, in spite of the fact that these were the days of small things educationally, progress was made during this administration, and under the circumstances, perhaps as much as could have been expected by any one familiar with the conditions. In 1879-80 there were all told 434 students (reduced in 1880-81 to 379), and there were 26 teachers of all grades, of whom 15 were of professorial rank; in 1890-91 there were a total of 519 students and 40 instructors with 24 having the rank of professor—a gain in regard to students of 19.6 per cent and to the corps of instruction of 53.9 per cent or of those having the rank of professor 60 per cent. The total income from all sources was for the first named year about \$60,650, and for the last named, \$124,600 or 146 per cent gain. The total legislative appropriation for the session of 1879 was \$25,500; that for the session of 1891 was \$147,200. The latter included \$70,000 for the Natural History Building; if this is excluded, the gain is \$51,700 or 203 per cent.

It will be noticed that the amount of income grew much faster than did the number of students and is well ahead of the instructional increase. While the Regent busied himself with others, to

make the institution known and therefore to increase attendance, it was, at least in his time, his more particular and exclusive duty to look after the money receipts. No other paid officer was officially charged with this; he was so charged. It seems apparent from these figures that he succeeded, under the circumstances, remarkably well. His grasp of the situation, his methodical course of procedure, his power of clear statement, his ability to meet and to convince men of influence, were everywhere admittedly superior, and it may now be said that to him should be given great credit for such advancement as was made during the difficult years of his regency. He won at Springfield by dignified demeanor, by lucid presentation of facts, by cogency of argument, by enthusiasm in his ideals, and by personal popularity and effectiveness.

Before his incumbency of the administrative office all state appropriations had been for closely specified purposes and always exclusive of salaries for instruction. In his first legislative experience in 1881, he devoted himself earnestly and resolutely to getting the State, through its legislators and executive officers, committed to the maintenance of the institution as a *State University*. As indicated before, this had never been done, and the bill as passed meant much more than the figures in the money columns. The first amount under the head of current expenses of instruction was \$11,400 for the two years 1881 and 1882. There followed in biennial periods during the administration \$28,000; \$24,000; \$32,000; \$40,000, and (in 1891) \$40,000. These may be deemed small sums, but they made the way for the larger ones that succeeded and justified the vigorous effort to secure them.

Appropriations for buildings had also been very few and small during the dull times of the period. By dint of much persuasion and political wire-pulling on the part of the Regent and his local aids, \$10,000 was secured for a "drill hall", in 1889. It seems incredible now that this should have been considered good reason for much rejoicing, yet such was the case. At the next General Assembly, Regent Peabody, almost unaided on the part of others connected with the University, succeeded in sufficiently winning the good will of the legislators to cause the passage of a bill carrying \$70,000 for a new Natural History building. When this became known in local quarters there was genuine surprise coupled with great gratification which was freely expressed.

This was the last contribution of its kind towards the up-building of the University for the period now covered, but we may easily see in it seed for those other and larger additions which immediately followed.

During the same time important events were under way at Washington. A convention was called in January, 1882, of delegates from the institutional beneficiaries of the land grant of 1862. In this convention Regent Peabody took a prominent part and was always thereafter one of the leaders in the annual meetings of the association which was then formed. Earnest discussions ripened into plans for the further promotion, especially of agricultural interests, and in response to the requests of the association a bill, known as the Hatch Act, was carried through Congress bestowing upon each of the states the sum of \$15,000 annually for the organization and maintenance of an agricultural experiment station, and later another measure, called the Morrill Bill, was likewise successfully passed donating in a similar manner \$20,000 a year towards the expense of instruction in each of the land grant institutions. Dr. Peabody had his full share in the ideas and labors leading to these results. While he gained little personal benefit from them there did come to the University for which he gladly spent himself both present needed aid and prospective possibilities which have since matured into realized magnificence.

This is a meager presentation of matters concerning the University during the years 1878 to 1891 and of the services of one who more than any other made the history of the time. Many things conspire to make the office he held a difficult one to administer. That he succeeded to the extent herein shown and otherwise known is sufficient evidence of great personal and professional power among men and of exalted devotion to the cause he espoused. His name is a cherished one in the annals of the University, and the memory of his good life and good deeds lives after him.

COMMENCEMENT ADDRESS
AT THE
UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS
JUNE 15, 1910

EDMUND J. JAMES, PRESIDENT OF THE UNIVERSITY

Members of the Class of 1910:

I desire first of all to welcome you to the fellowship of the alumni of the University of Illinois. This is a great and worthy fellowship, and with every passing year it is becoming increasingly great and increasingly worthy. More than twenty thousand men and women have studied at one time or another in one or another department of this institution. Some of them have passed on to their reward, but the vast majority are still at work, widely scattered over the surface of the earth, doing service for their fellow-men, for which this institution has helped to prepare them. You will not be able to settle in any state in the union, scarcely any county of any state; you will not be able to settle in any civilized country in the world, and in but few of the uncivilized countries where you will not be within reach, if you will stretch out your hand, of the sympathy and support and fellowship of some member of the alumni body of the University of Illinois.

It is a subtle bond which unites the men and women of widely different ages and countries and occupations in a union of sympathy and fellowship, simply because they have at one time or another studied at the same institution. But it is none the less a real bond. The world is not governed wisely if it is governed by sentimentality, as a distinguished fellow citizen of ours has lately reiterated; but it would not be governed wisely either, unless sentiment entered into its action as a large element; and this bond of university fellowship is based upon sentiment. You will experience a strange warming of the heart, difficult to explain, yet none the less positive and real, if in your wandering over the surface of the earth in future years you should meet on the Himalayas or the Andes or in the deserts of Africa or the great plains of South America or in the wide stretches of India or China, some man or woman who by his speech or insignia or hand grasp should reveal himself to you as a brother alumnus of the University of Illinois, and that, though he might have studied in some other department and might have preceded you by a whole generation in time, or even by two generations.

Into this fellowship, then, this good-fellowship of sentiment and esteem, I welcome you today.

It has, however, not only a sentimental, but a positive material advantage for those of you who will utilize it. It is a perfectly legitimate thing to take advantage of the acquaintanceship which such a fellowship offers, and if you will keep in touch with the members of your own class, with the members of other classes in your own college as far as possible, and with the members of other colleges, you will find that they will naturally think of you in connection with appointments and promotions when called upon to fill important positions in the enterprises with which they may be connected.

No right thinking man would ask a fellow classmate to recommend him for a position for which he was unfit, simply because he was a member of the same class. No right thinking man would ever appeal to a fellow classmate to do anything for him, which the latter could not do honestly and consistently with the real and highest interests of every cause which it may be his business to advance. But after all, in this world men in charge of great enterprises are quite as diligently in search of fit people to put in positions of responsibility and trust, as the candidates themselves are in searching for positions which suit their abilities. In this great work of organization and advancing business, social, political, church, interests; personal acquaintance naturally counts for a great deal. And this personal acquaintance among people worth knowing, among people of influence and power, is something which will be rendered much easier to you because of your membership in this great body of alumni.

Another very real advantage in this fellowship, and this is the more important one for after all everyone must make his own career, is to be found in the increasing richness of life which this opportunity of association with the best people in the right sense of the term brings to you who are privileged to enter it through the gateways of a great institution like this.

But the advantages of such a fellowship are not by any means limited to your circle of acquaintance among our own alumni. The fellowship of university men is becoming with every passing day, a larger and deeper and more influential one, and you are coming today into this fellowship of all the colleges and all the universities of this great country of ours.

Much fun is commonly obtained at the expense of the college graduate in all countries, and all times. And I presume that no country has obtained from the columns of its daily press more amusement at the expense of the callow graduate than the people of the United States. But the fact is that in no country in the world has the importance of the college graduate as such increased more rapidly or more materially than in these United States of America. In spite of the attacks upon our higher institutions of learning from so many quarters, the fact is that never has the college graduate found it so easy to get a position, simply on the strength of his graduation as today. Never have employers been more kindly disposed toward them than at the present time. Never has the public appreciation of a college education been so keen, and so general; as is evidenced by this great crowd of young people resorting in ever increasing numbers to our higher institutions of learning. That great admirer and distinguished friend of college men, Mr. R. T. Crane, suggested, if he is correctly reported, to the members of the Illinois legislature, that it would be a good thing if instead of giving money to the University of Illinois, all its buildings could be burned down and salt sowed in the furrows plowed over their ruins. The answer to this interesting and inflammable if not inspiring suggestion was a larger appropriation than had ever been made before, and an increased attendance in all departments of the University, and an increased insistence on the part of the employers for the services of our graduates, and I believe it is true, speaking generally, that there has never been a time when it was easier to place in good positions graduates of the University whom the instructors are willing to recommend as men and women of first quality than today, and never has the remuneration offered for such services been,—I will not say more adequate,—but larger in amount; for the remuneration has, in my opinion, never been adequate.

Another illustration of the growing importance of this university fellowship in social, political, and industrial ways, is to be found in the remarkable phenomenon of the establishment of university clubs in all cities, large and small, throughout the United States, clubs which have no common basis for existence except the simple fact that the men who become members have for a longer or shorter time carried on their studies at some higher institution of learning. Lawyers, physicians, clergymen, engi-

neers, insurance brokers, railway men,—men following every possible occupation, are admitted to these clubs, on the sole condition, aside from fitness to belong to a club of gentlemen, of having studied for a longer or shorter time at one of these colleges or universities. This privilege of association with the men who make up such clubs is something which you will value the more as the years go on. Furthermore, the rise and development of our fraternities, social and honorary, is a striking illustration in the same way of how people through this fellowship come together. The old historic social fraternities unite the graduates of many institutions in peculiarly close bonds of fellowship and friendship. The honorary fraternities, such as Phi Beta Kappa and Sigma Xi, which have sprung up with such numbers in the various departments and colleges of our universities, uniting by a silken thread the men in all universities who are interested in these same things, testify again to the remarkable and growing strength of this subtle, almost imperceptible bond.

But friends there is a still wider fellowship involved in this, and that is the fellowship of all men of all countries and all times who have studied at one of these historic centers where young men have gathered for the purpose of learning from great scholars, who build up gradually around themselves this nucleus of disciples. Curious it is and exceedingly interesting, that in the lives of the great men of the race who may have had the privilege of studying at one or another of these centers, this fact is nearly always put forward as an important if not essential fact in their development. We are even yet interested in knowing that Cicero studied at Athens, that Caesar had been at Rhodes, even in the days before higher instruction assumed the definite form which in medieval times resulted in the universities, and which as one after another of these great centers was organized, led to the streaming in from every portion of the world of the crowds of youth seeking to find in every new center a better opportunity for that induction into this great fellowship of learning which was to be the basis of their careers and their activities. Thus the Germans and the French and the English poured over the Alps and down into Italy to become members of that great university Bologna, which did so much to set the standard for all subsequent creations of the kind. Young men from all parts of the earth resorted to Paris and later to Oxford and Cambridge and still later to the

various centers of learning in Germany, as one after another of these places became for the time being the most inspiring center for the advancement of learning.

It is into this great fellowship of the university men of all countries and all times that we welcome you today. It is at least an intellectual and spiritual fellowship even in relation to those who have passed beyond, which is full of pleasure and sentiment if not of other profit.

What is the real secret of this bond of fellowship which holds together men of all times and all places, men of all callings, men in all the different colleges, men whose studies run in endlessly different directions?

I take it, it is the unconscious feeling common to all students of any important subject when they come together in large numbers and participate in the instruction of learned men in subjects which are of interest to them; that unconscious but common feeling that they are interested in the higher sides of their studies; that the men who come together in these groups, no matter how seemingly material the immediate end of their studies, are as a matter of fact dominated by idealism, and in just the extent to which their work becomes efficient and helpful does this idealistic element predominate. Some of our friends are inclined to look upon agriculture and engineering and ceramics, etc., as not exactly university studies, as somehow or other inferior in some respect to those studies which for centuries formed the bulk of the curriculum in all universities.

I take it that this is not essentially true. A man who is preparing himself to be an efficient ceramist, if that is the proper term, who studies with right minded men under the direction of the right kind of men, will inevitably get away from the notion that he is merely learning something which will help him make a living, and become inspired with the ambition and desire of doing his work in such a way and in accordance with such standards and upon principles as will make it itself a contribution to the higher life of his craft, of his nation, of his time. Just as the law student in the right kind of a law school is not only getting certain information and certain training which may be helpful to him in earning a living as a lawyer, but will unconsciously come under that subtle influence which will gradually make him over and convert him into a man who is thinking of what he can do

through his profession to make the life of his day and generation better.

I take it, then, this is that common bond that unites us all as university men, whether we are veterinary surgeons, or ceramists, or agriculturalists, or engineers, or lawyers, or physicians, or teachers. Inevitably out of such associations as grow up in such institutions must emerge that higher standard, that idealistic measure of ourselves and our activities, must grow up that desire and aspiration toward the stars which lead us all to see in the common round of daily toil the laws and principles and beauty that fill the universe.

If you have not through your studies imbibed this spirit; if you have not gotten this outlook, you are still unworthy of this fellowship to which we introduce you today. And before you can enjoy it and before you can appreciate it and before you can do your part to make such fellowship worth while, you must get this attitude, you must become filled with this spirit, you must fix your mind and heart upon these ideals.

I am often asked by fond fathers and mothers whether it is worth while for their children to go to college and the university. Of course in some cases it is perfectly easy to answer that question. If a boy wishes to be an engineer, there is no doubt that he must go to the university or to some school which undertakes to do what the university does. If he wishes to be a physician, he must in the same way seek the opportunities offered by the university or by some school which pretends to offer such opportunities.

But there is still a considerable number of young people in regard to whom the answer to the question might not be so easy. Of course no boy or girl should go to college and the university, who wastes his time while there. No one should go there to whom the opportunities of that place are not a means of grace but a means of destruction, not a means of elevation but a means of degradation. But if we except those very few students who are positively injured by university opportunities, I should say that the mere opportunity to enter this university fellowship as I have described it, is worth the time and the money and the effort of all who are equal to it, all who are capable of it, all who can profit by it. And if I should have to spend the rest of my days on a desert island, I should be glad of the years I spent in the college and university. If it did nothing else for me it made it

more possible for me to live with myself than would have been the case if I had not had this opportunity. And after all is said and done, we must live with ourselves a great deal in this world,—no matter how large the city in which we live, no matter how crowded the house, no matter how closely the other employes in business sit next to us in the over crowded marts of trade and commerce.

I congratulate you, young people, that you have come into this university fellowship through a large institution.

I am aware that there has always been and probably always will be a keen discussion as to the relative merits of large and small institutions as centers of study.

I am aware that in these smaller centers (and without them we could have no adequate development of the educational and social life of the nation)—there are often opportunities for the individual students to come in closer personal contact with instructors than is likely to be the case in a great organization like this.

I am also aware that in these smaller centers are often times found some of the rarest spirits of the race, men, intercourse with whom is in itself a liberal education, and that here are to be found some of the greatest teachers and some of the most inspiring forces of our day and generation.

I am also aware that many young people would find in these smaller centers and in this personal contact just the kind of influence necessary to develop them to the highest point of their usefulness, and yet I congratulate *you* that you have had this other opportunity, that you have had the chance to travel this particular road, leading you to entrance into this great fellowship.

You will find this body, great already, becoming greater with every passing year, becoming more worthy; and if you grow with it, you yourself will become greater by the simple fact of your membership in a greater body than you otherwise would have been.

Our friends in South America have insisted that Simon Bolivar was as great a man as George Washington, and his admirers have claimed that he was even greater.

Even if we were to grant this claim, to the fullest extent, the fact remains that Simon Bolivar can never bulk up, so to speak, in the mind of the world, at least for centuries to come, as does George Washington, for the simple reason that the people whom

the **latter** helped to free, occupy now and for some generations to come will undoubtedly occupy a more strategic, a more important place in the civilization of the world than the countries which Bolivar freed or helped to free. We set George Washington upon a pedestal more than a century ago, and this pedestal has been expanding and growing and the monument has been increasing in height and breadth as it has been shoved up with every passing year for the admiring gaze of the whole civilized world; simply because the nation, the people who is carrying this monument on its shoulders is developing and rising, increasing and expanding. We are great, not merely because of ourselves, but because of the people we belong to. We share in its greatness. We also share, alas! in its smallness.

I should be one of the last to claim for a people a great place merely because it is a numerous people, scattered over a large area of the surface of the earth. But granted the possession of the essential qualities of greatness,—and we fondly imagine that they belong to this people,—then the larger the people and the greater the space it occupies, the more important may become its contribution to human civilization, and the more important the role which it will play in human politics and the greater the dignity of each individual citizen. I have always rejoiced that I am an American, that I was born to the heritage which comes to every American, the great achievement and high tradition and far reaching power and influence which have come to us and which if we do our duty will come to us in even larger share.

So we are glad to be a part of large enterprises and large institutions; and I think you may rightly feel a pride in the fact that you are members of this institution which if we are not greatly mistaken is destined with every passing year to grow in strength and power and influence, in high quality, in great achievement; and in all this you will share, and all this will make you yourself a better, a higher, a nobler, a more efficient person, unless indeed you are so mean spirited, that none of these things can touch or act upon you. Unless these traditions and this sense of being a part of great things cannot quicken your pulse and fire your heart; then indeed the case is hopeless and you are not worthy of the heritage which is yours.

I congratulate you again because you have entered this fellowship through the medium of a state university.

One of the most striking facts in the field of higher education in the United States is the wonderful growth of the state university. So recent has this been that the standard histories of education in the United States and in the world scarcely mention this fact. Even a brief history could not absolutely leave without mention such an institution as the University of Michigan, but in mentioning it and describing it there is rarely any conception of the great things for which it stands and the mighty movement of which it has been for so long the leader.

With every passing year the relative rank of the state university and its relative importance in the field of higher education will be increased.

What I shall say about the state university, of course, involves no reflection of any kind upon the great historic private institutions, like Harvard and Yale and Pennsylvania. It would be idle for me to say that they are necessary to our educational existence, and our national development. Of course, they are. It would be a work of supererogation to dwell upon their service to this people and this nation, and I for my part do not expect to see any waning in their stars, though I do expect to see with every passing year the waxing of the star of state education.

More and more the state university is destined to become a complete expression of the life and thought and feeling of the American people. It is, of course, (and we ought not to lose sight of this fact) very far from being that at the present time. Some critics of the state universities have spoken of them as mass institutions, in no wise different at bottom from the class institutions among which are enrolled some of the great historic endowed institutions. There is a word of truth in this. In the state of Illinois, for example, the state university did not begin soon enough. It has not lived long enough, it has not been enlarged and liberalized fully enough properly to lay claim to being a real incarnation of the life and thought and feeling of the people of this great commonwealth. Somebody has said that the state university is for the people of the poor, for the people of moderate incomes, for people who cannot afford to send their children to the great historic institutions of this and other countries. If this be true today, and if it continue to be true in the future, then the state university can of course have no hope of ever becoming such

an institution as I have described. It is destined to be as one-sided and unsatisfactory as an expression of the national need for education as the narrowest of the old historic foundations.

For my part I do not believe that this is destined to be our end in the future, even though it be to a considerable extent our condition in the present. To the man who sends his son or daughter to one of the old historic institutions in this or other countries, because he craves for them an association and an acquaintance with certain exclusive classes of society with whom he hopes his children will associate in the years to come, I have nothing to say except that in my opinion he is picking out unimportant instead of important things. He is picking up the chaff and letting the wheat go, and little that we can do and say will affect him or his policy in any respect.

But to the man who sends his son or daughter to the historic endowed institutions of this or other countries because he finds in them some opportunity for work, some standard of excellence which we have not, our only reply can be the determination to make this institution so comprehensive in scope, so perfect in appointment, so complete in its outlook, that no citizen of this state will need to send his son or daughter to any other state or any other country to find the opportunities for the highest education necessary to qualify him for the most exalted service to his time and generation.

The state university can never be the university of the people if it is only for the poor man, any more than the endowed institution can become the University for the people if it is only suited to the needs of the rich. Our society is at present and will be for a long time, made up of people with ever increasing quantities of what we call wealth. It will be a sad day for our future as a democracy when we divide society sharply into those who have and those who have not, and provide in one set of our educational institutions for the education of the children of those who have, on the one hand, and in another set for the education of the children of those who have not, on the other. We must leave no stone unturned to make this institution the complete expression of the life of this people on its highest and best sides. Make its opportunities so complete that the richest man will gladly seek them for his children and that the poorest man may have within his reach opportunities equal to anything that money would bring him in

any other part of the world. Such, I believe, is destined to be our state institutions, and because of that fact, that they will to an ever increasing extent become the expression of the comprehensive needs of a great people like our own and consequently will become an ever increasing factor in the life of the nation. I congratulate you on having chosen this path for entrance into this great fellowship.

I congratulate you again that among these state universities you have chosen the University of Illinois as your alma mater. Our history has been very peculiar, and it is well for us to glance at its course because it will cast a bright light upon the pathway which we are treading and upon the goal toward which we are moving with ever increasing rapidity.

Two things are remarkable, very remarkable, about the University of Illinois. One is the enormously rapid growth during the last twenty years, the other is the remarkable slowness with which in the life of this commonwealth such an institution was developed.

We sometimes brag upon the great commonwealth of Illinois as if it not only stood at present but as if it always had stood at the head of the procession in everything which makes for the uplift of human society.

In reality Illinois was one of the slowest states in the union to recognize the necessity of state support of higher education. Indeed it was one of the slowest states in the union, considering its advantages, to recognize the necessity for high grade secondary education, and even the need of universal elementary education.

I am not yet a very old man, though I learned the other day that I had been referred to as the venerable so-and-so, but I was born in the year in which this great commonwealth put upon the statute books the first efficient school law by which the ideal of universal elementary education might be realized in the course of time.

Illinois came into the union in 1818. The federal government gave to it lands for the endowment of education, higher as well as lower; but the commonwealth was very slow indeed in availing itself of these gifts,—except that it took the lands; allowed its citizens to combine for the purpose of buying them in at ridiculously low prices, and used the money for other than educational purposes. In other words the first steps of this commonwealth in

the great field of public education were such as to be thoroughly disreputable, such as we would have reason to be heartily ashamed of and sorry for now if the state had not subsequently made good the errors of its early days.

In the year 1825 a law was passed providing for the establishment of free elementary schools in each district in the state upon the basis of public taxation. This created such a great excitement in the state that within two years the law was repealed, and it was provided simply that public schools might be established if people would consent to contribute to them of their own free will. In other words the idea of a comprehensive system of free elementary schools was definitely given up at that time, after having been accepted in the law of 1825. It was thirty years, a full generation had come and gone, before the people of Illinois were willing again to put upon the statute books a law which might be effective in at least laying the foundations for an elementary free school system.

Indissolubly connected with the possibility of developing a free school system was the establishment of normal schools or places where people could be trained to give instruction in these elementary schools. It was a long and weary fight before the law was finally passed which established in the latter part of the 50's the old normal school at Normal near Bloomington. Forty years, one may say, after the admission of the state to the union before the first effective normal school had really begun its work in the education of elementary teachers.

The provision of efficient secondary education at public expense was a matter of still slower growth and indeed the state has even yet recognized in its laws only indirectly and sporadically and in unimportant ways with one or two exceptions, the fundamental necessity of secondary education of a high grade, to be provided if necessary at public expense.

When I began my teaching career January 1, 1878, as principal of the village high school in Evanston, Illinois, I found that the community was much divided on the subject of the support of a free public high school. That was a wealthy community, relatively speaking. It was a highly educated community, relatively speaking; and yet for years at every town election the question of the continuance of the free public high school was up for discussion, and up for decision in one form or another,—and that, friends, was only thirty years ago.

We have not even yet reached the time when high school privileges are provided at public expense for every child in the community: for most of the area of the state of Illinois is still today outside a high school district. This development in the secondary field will of course not have reached its legitimate end until every square foot of the area of the state of Illinois is within a high school district, just as it is today within an elementary school district; and when such changes may be made in our school laws as will enable the state to have an efficient public high school in every part of this territory.

Still more slowly did the idea of higher education develop in this great commonwealth of ours. Not only did the state use up the funds which the federal government gave to it for the promotion of higher education, but for a time its representatives in solemn conclave assembled refused to extend any encouragement whatever to higher education or even to permit private citizens to do so either. Many individual citizens, many churches, many societies, were interested in developing colleges and universities in this territory: for they all saw that Illinois was to be a strategic state and what the population of Illinois was to be, what its influence was to be, what its attitude was to be in the long run would turn very largely upon whether or not an adequate number of properly equipped higher institutions of learning could be planted within its portals.

But our ancestors were very suspicious of this higher learning. They were afraid that if they gave charters to higher institutions they might build up some great and terrible Frankenstein similar to that of Dartmouth College in New Hampshire, since the time when the supreme court of the United States had decided that the charter once given to Dartmouth College could not be changed or altered by the state of New Hampshire because it was practically a contract or obligation which the legislature of New Hampshire was forbidden by the federal constitution to impair. So deep was this conviction that fifteen years passed away after the state was admitted to the union before the legislature would even grant the right to private individuals to establish higher institutions of learning, and it was not until the friends of four of these institutions, old McKendree at Lebanon, Shurtleff at Alton, Illinois College at Jacksonville, and another institution which I believe never came into existence, pooled their issues, united their

efforts, that the legislature was persuaded to give them the simple right of existence as institutions; i. e. to permit the existence of institutions for higher education within the territory of the commonwealth.

So suspicious was the legislature of these private institutions promoted by church influence that they made it a condition of each of these charters that no one of these institutions should ever establish a theological school as a part of its work!

Even as late of 1839 when McKendree College asked for a more liberal charter and when Abraham Lincoln, fathering this proposition, secured the passage of a bill granting to McKendree a somewhat more liberal fundamental document, he gave the copy of the bill to the representatives of McKendree one night immediately after its passage by the legislature, and he said, "Hurry home; ride all night if necessary. Get your board together. Have them organize under this new charter immediately: for if you do not do that, before the members of the legislature are aware of what they have done, they will repeal the charter immediately, before you will have had an opportunity to put it under the protection of the Dartmouth College decision by taking some active steps under this authority."

And yet this charter was nothing more than a very simple permission to sue and be sued, to take property which might be given to it, etc., such as any group of men today may obtain by simply asking for it!

From this time on, that is from about 1840, the private institutions began to multiply and increase.

They did a great work for the education of the commonwealth. In fact, if it had not been for them Illinois would have remained in the semi-barbarous state in which it found itself in the early 20's; until it was saved from itself by the immigration of more intelligent and more thoughtful people. McKendree, and Shurtleff, and Illinois and their many sisters in the field of higher education have laid this people of this commonwealth under undying obligation which we who have profited by their work should ever be ready to acknowledge.

But the state still failed to utilize the money which congress had given it in these original land grants except for purposes for which the money was not given; and all attempts to arouse an interest in the state at large in the development of a state institu-

tion, a state college, or a state university, was wrecked on the opposition or indifference of the public. In the meantime Indiana, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Kansas, and all the southern states, had gone forward to establish more or less liberal schools and higher institutions of learning to which they gave the name of college or university, but Illinois was immovable. Her people were seemingly absolutely indifferent.

It was, however, owing to the activity of a number of citizens of Illinois College at Jacksonville that the agitation for a federal land grant for agricultural education was brought to such a head as to result in the passage of the so-called Morrill Bill in 1862 which gave to each of the states and territories of the union thirty thousand acres of land for each senator and representative in the federal congress for the purpose of establishing colleges which while not excluding other subjects, should provide adequate facilities for education in agriculture and the mechanic arts.

Illinois received under the grant made by this law—a law, instigated by Illinois men, and signed by an Illinois president, nearly five hundred thousand acres of land for the establishment of this particular sort of an institution.

If the federal government had not made this grant to Illinois in 1862 I doubt very much whether we should have a state university even today, though in the long run it would undoubtedly have come because it lay in the situation that such an institution should be developed.

But even after the federal government gave this land and the state accepted it, it was the evident intention of our legislature that it would not spend a solitary dollar upon this institution and that it should be absolutely dependent upon the income from the federal land grant.

The state, it is true, was not quite consistent in this; and still it came very near hewing to the line indicated in the first discussion in regard to the institutions that the gifts made by the country which got the college in return for its grants, plus the gifts of the federal government, should care for this institution.

As the result of this policy for many years the appropriations to this institution were very meager, ridiculously meager, compared with the gifts which other institutions were receiving in other states, and it was not until twenty-five years ago that the

legislature showed a very pronounced willingness to make a new departure.

Since that time with ever increasing speed the institution has grown, expanded, and the legislature has increased the appropriations. The first great step, among other things, owing to the activity of the alumni, was the change in the name from Illinois Industrial University to the University of Illinois. I doubt very much whether many titles have received a greater expansion in meaning by dropping out a word than did the title of this institution when from being the Illinois Industrial University it became the Illinois University, or the University of the State of Illinois, or the State University of Illinois.

This meant that all narrow bonds should from this time be swept away. That the institution should go on realizing the ideal which if not consciously in the mind and heart of the commonwealth, yet none the less surely was there as a budding germ which in the course of time should burst forth into the perfection of blossom and fruitage.

Some people have complained of the location of the University. Some people have complained that it took its rise as an agricultural and mechanics arts institution. Some people have criticised one or another phases of its development and its life. Perhaps there is an element of truth in all these criticisms, but the institution has gone on growing. Its attendance is increasing. its funds have been multiplying, with every passing year it has obtained a wider outlook; and we have now at any rate reached a time when I believe it is perfectly clear that the people of Illinois intend to support this institution in a way which will enable it to be the great reflex of their thought and feeling and purpose in this great department of higher education. Its position here in the Mississippi valley is strategic. It has for all the essential work of the university a more favorable location than people have supposed.

The proposition was made at the establishment of the institution that the engineering school should be located in Chicago on the ground that no great engineering school could be built up in the country,—the actual result one of the great engineering schools of the world answers the question.

Some people thought that the establishment of a course in architecture in a town where there were no examples of architec-

ture worthy of notice, out of the center of population and center of building, was a perfectly foolish enterprise. The answer to that is found in the fact that here during the past year we had two hundred and fifty students following the course in architecture. The largest number in any school in the Mississippi Valley. One of the four largest departments in the United States. In other words, the possibilities are all here for the development of an institution which will rank with the great institutions of this and other countries.

Here in Urbana-Champaign, friends, and speaking of small things, I am delighted that we have here a name which is not duplicated elsewhere on the face of the earth, as a center of higher education. Berlin has been duplicated in countless places in the United States and in other newly settled countries. A Paris we have in every state in the Union. Old Cambridge has such a rival in Massachusetts that if we speak of Cambridge simply, we may not be understood. Even Oxford has been multiplied many times, but we have a name of our own, a *nomen novum*, if we paraphrase a Latin expression, a name to which we are going to bring honor, which we are going to set up in the minds of men because of the work that our predecessors, we, our successors have done, are doing and will do here. This Urbana-Champaign is destined to become one of the great centers of human thought and feeling and aspiration. It will rank with Bologna, and Paris, and Berlin, and Oxford, and Cambridge in the old world, and Cambridge in the new, and New Haven, and Philadelphia as a mecca for those interested in the development of the human spirit; as a center of science and art and education and aspiration; and in all this you will be a part, and a great part, and in all this you will take a pride, from all this your aspiration will be derived, refined, heightened, increased. You will be increasingly glad that you came to Illinois. Why have I wearied you with this long account of our educational history? Merely, that you may be again reminded that the welfare of our society is largely dependent upon the insight and foresight of a comparatively few public spirited leaders and that it is now your duty and privilege to enroll yourselves among these leaders. Do not fail us!

Young friends, you will remember that in the ancient world the gladiators as they were about to enter the arena, chanted a song, *O Caesar, morituri salutamus*, we who are about to die salute thee! This sentiment was turned, in his inimitable way,

by Longfellow in his great Memorial Ode to the call which the older men who were stepping off the stage of action give to the younger men and compatriots as they call them forward to take their place. I would paraphrase that still again today. Instead of *morituri salutamus*, let me say *pugnantes salutamus*, if that is good Latin, we who are in the midst of the fight salute thee, we who are carrying upon our shoulders at present the burden and enduring the heat of the day, we welcome you to a place in the ranks, we welcome you to a place in this great army, marching ever onward and upward, inscribing on its banners the welfare of the human race. I do not know that we can sum up in any way more complete the end of man so far as this world is concerned, at any rate, than to say that it is to make the earth a better place for men to live in. If this is conceived in a large meaning it will include nearly everything which calls for higher and nobler living, higher and nobler thinking on the part of every man and woman.

I have spoken to you thus far of your privileges in this great fellowship of university men. Let me close by suggesting that your obligations are as comprehensive as your privileges. How can you fulfill them? To take the smallest one first, perhaps. I want to say a word about your relations to this institution, to your *alma mater*.

This institution is an organ of the higher life of the community. In proportion as this organ is developed and made more effective for this purpose will it react upon the condition of the body social, the body politic of which it is the organ. You may therefore help in this great movement, by helping this institution to realize in the richest way all its possibilities. There will be many times when you individually can be of great assistance in urging its claims upon your friends, and upon your friends' friends. It has grown to be what it is because a few people were deeply interested in its advancement, and persuaded their fellow citizens to stand behind it and help push it forward. Thus a few people have become a great throng. You may increase the power and influence of that throng very greatly by entering it and pushing with all your might. You will thus have the satisfaction not only of returning to your *alma mater* some of the benefit which you have received from her; but you will have the satisfaction of helping the people of the commonwealth of Illinois to a fuller realization

of their higher selves in the ever-developing processes of this organ of their higher life.

But friends, after all, the way in which you may honor your alma mater most is, in the same way as that in which you may honor most your spiritual mother, viz.; by living honest, efficient, sane, simple, God-fearing lives under a high sense of responsibility to yourself, your country, and your God.

If wherever you may be, as teachers, lawyers, doctors, engineers, farmers, housekeepers, parents, you do your work honestly, efficiently, responsibly, men will see your good works and not only glorify God, but glorify you and your alma mater. "These are Illinois men and women," they will say; "Blessed be Illinois"!

And if you are not all these things, but the opposite, men seeing you and your works will curse the memory of your alma mater!

No amount of activity in the alumni association; no frequenting of baseball or football games; no multiplication of oski-wow-wows, or even skinny-wow-wows, will ever make up for a lack of the right kind of life and effort in the daily round of toil.

Nay! if you should become irresponsible, inefficient, lazy, dishonest,—then shout as little as possible for Illinois, speak in a whisper, as your clamor would only call attention to the fact that the University had failed in your case at any rate, in doing its perfect work.

Once more, dear friends, I welcome you into this great brotherhood, into the membership of that invisible choir of the good and great of all ages who have drunk deep at the Pierian spring of knowledge and beauty—may it be to you as it has been to countless thousands before you a source of lasting inspiration and strength!

KEEPING STEP

JOHN EDWARDS WRIGHT, '85

President of the Association, 1909-10

Such occasions as this gathering of the alumni of our beloved University have a definite purpose. They are not Olympic contests for the display of oratorical skill. If they were, I should not be here. We are not assembled to listen to the lecture of some specialist, delivered by him in virtue of his superior attainments or achievements. If we were, the role of the expert would not fall to me. These are gatherings of men, met in the perfect fraternity of a love of scholarship, who seek to consult one another not as to the interests of pure learning, but as to the relation between pure learning and the requirements of social conditions outside the University.

Annual functions like this and others of the commencement season are, as it were, open windows between the University and the world—windows through which the world and the University look at one another and gain a mutual profit. Is it not a fact in all similar circumstances the theme of the most serviceable thinking must be in some shape or other the benefits that philosophy can confer upon life? And when has there been a period at which the relations between practical life and the higher institutions of learning was a topic of such vital and far-reaching importance as now to the alumni of the University of Illinois?

In some old book I have read that the Babylonians were in the habit of bringing their sick into the public square and calling upon every passer-by to make some prescription for the cure. "No stranger", said they, "is so bad as not to tell the best he knows". They suffered none to pass till he had tried to play the doctor. On much the same principle I am here with my advice. When you have heard it, you may recognize it as an old prescription, yellow with age and possibly of little value. But at all events, like the Babylonian passer-by, I shall have told the best I know.

When I was young I remember there was an old negro—who had been a slave and had fought in a northern regiment—who lived not far from our house; and it happened that I met him often, stumping around his humble shack or trudging along the highway. Half blind, almost a cripple, he was scarcely the man to whom a healthy lad would turn for instruction or encouragement. But he gave me a tip that has lasted me to this day. Every

time I met him, he would make the same response to my greeting. "Hello, Sambo," I would say. "How are you getting on?" And this was his invariable reply. "Thankee, Massa John, thankee kindly. Praise de Lord. I'm able to keep step yet. I'm steppin'. How's you steppin'?"

"Able to keep step yet." That was the old darkey's notion of the supreme test of fitness. It summed up his means of earthly grace; and, for aught I know, his hope for heavenly glory. Able to keep step.

Now, if there is any one thing that has impressed me more than any other during the twenty-five years in which I have been an alumnus of this great institution of the Middle West; any one thing, I mean, that has impressed me as above all others the necessary condition precedent of human success on the highest plane, it is this: The young man, when he leaves college, must catch at the earliest possible moment the drum beat of progress and never cease to keep step.

He can not afford to lag behind. He cannot afford to fall out of the line. But, if misfortune in any form should come and should check his advance with the column, let him be particularly careful to mark time—never to cease marking time; and let him never forget to keep an ear to the ground, and to hold it there with the tenacity of the Red Indian, in order that when the moment comes for rejoining the colors he will not have lost the habit of keeping step. This is my prescription today, offered in the Babylonian style, to the graduate of the University who wishes to bring his scholarship into accord with his social, financial, and political environment in the hurly-burly and the madding crowd.

No man, no American, can get the highest attainable percentage of gain out of life, liberty, and the pursuit of happiness unless he makes up his mind to keep step. It is a rule that knows no exception. Modern society, American society in the twentieth century, is being organized far beyond all precedents and earlier standards. Study social factors, economic agencies, political forces from any point of view; and only one conclusion can be reached. They are all reduced, or being reduced, to a military arrangement. The tendency toward a regimentation of forces is the most striking tendency of our epoch.

And the truth I am trying to drive home is this, that, though every regiment has its band, the same air is played by all and the drum beat of progress is everywhere the same.

Mark Twain used to tell a story—perhaps it is familiar to most of us—about a tramp musician who turned up one day at his Connecticut house and asked for alms or a job. “I’ll help you,” the humorist responded, “if you know your business. Our only village musician is sleeping off a drunk at the jail; and we need somebody to take his place. Come inside. There’s the piano. Let’s hear what you can do.” The wandering minstrel complied. The first piece was a dance number. He played to waltz tempo “There’ll Be Hot Time in the Old Town Tonight.” Then Mark asked for a march; and in the marriage tempo and manner befitting Mendelssohn’s masterpiece, the tramp played “There’ll Be a Hot Time in the Old Town Tonight.” Twain called for a tune appropriate to a sacred hymn; and at a tempo that would have suited “Rock of Ages” and was next of kin to “Old Hundred” the tramp played the self-same air. “Now then a dirge”, demanded Twain; and with a pace and minor majesty that suggested Chopin’s wondrous melody of triumph over Death, the tramp played “There’ll Be a Hot Time in the Old Town Tonight.” “Well,” exclaimed Twain at the end of the test, “I guess you’ll do. You’ve given me a ‘hot time’ with more variations than any other man I ever knew.”

Thousands of bands, thousands of orchestras are playing the music of progress, and the variations upon the main air are numberless and astonishing; but the underlying motive is never varied. In the halls of learning the music may be as gentle as Apollo’s lute. From the pulpit we get the strong, compelling tones of admonition and appeal. The click of the printing press furnishes the alarm that summons a free people to guard their hard won liberties. In the clash and roar of the city’s industry the dominant note is fierce and uncompromising. And, most dreadful of all, though sometimes the most inspiring, there are “the silver voices of heroic bugles” in the wild, grand chorus of war. But these sounds are only parts of the grand civilization symphony; and the music of progress, like the music of the spheres, is threaded forever with a consistent strain.

If we were to apportion to the different lands and ages of the world their respective shares in the achievement of humanity, we would give to Greece the palm in art, to Palestine the primacy in religious influence, to England the laurels for political liberty, and to the United States the credit for the largest output of industrial ingenuity and amelioration. The glorious figure of Civiliza-

tion, moving with confident brow through the last twenty-five centuries, has rested her feet in these four lands.

To our own nation has been assigned a task more important, perhaps, than was given to any of its predecessors—the task of “working out what may prove the last great experiment of God’s wandering humanity on earth.” For those of us who have had the benefit of the discipline and knowledge furnished by the higher institutions of learning the injunction to a wise and effective use of the tools and weapons of the American system comes with greater weight than it came to our forefathers in either hemisphere. Our legacy is richer than theirs; our responsibility is larger; and if we keep step with the music of progress our reward will be greater than theirs.

During the last two hundred years the really vital constructive work of the human race has been done. It has come since the days when Clement XI was pope, Anne was the queen of Great Britain, Achmet II ruled in Constantinople, Louis XIV was ending his long reign in France, and Tsar Peter the Great lost the battle of Narva to the Swedish Charles XII. During the last quarter of these memorable two hundred years, the world has been made over; and I venture to think that during the last twenty-five, the progress of humanity has been more swift and sure than during any previous corresponding period since New Orleans was founded in 1718.

Who in 1885 dared to predict many of the wizard-like exploits that seem now almost commonplaces? Who then thought of wireless telegraphy, of aeroplanes, of four-day transatlantic liners? Who then dared to dream that Japan would become the offensive and defensive ally of John Bull, would humble the might of Russia, would be considered serious rival of our own in the Pacific? Who then dared to dream that we would defeat Spain, free Cuba, annex the Philippines, and send sixteen battleships around the world as an object lesson in the advantages of military insurance and a guarantee of the open door commercially in the far east? Who then had predicted the downfall of the imperial regimen in Brazil, of a Duma for St. Petersburg, of a parliament in Teheran? Who in 1885 had dreamed of the overthrow of Oom Paul Kruger and the Dutch republics of South Africa? Who had dreamed of the rise of the Young Turk, and that he would grasp with resistless hand the sword of reform, restore the constitution of Midhat with the loss of scarce a life, and would depose and

exile to Salonica the ablest and wickedest of Moslem tyrants, Abdul the Damned?

These events mark stages in the onward movement of the race—a movement that becomes more rapid as the obstacles are removed from the path. Come nearer to the spot where we are. It is probable that the census now being taken will show a population not much below 90,000,000. Since 1885 the center of population has moved toward us from the Atlantic coast 50 miles. In 1790 it was 30 miles east of Baltimore; and in the interval it has moved this way about 530 miles. James J. Hill predicts that in the next forty years our population will have risen to 200,000,000. If he is right, what will the increase signify to the middle west? What will it mean to the man who is taking a diploma this year at our University and casts his lot with this part of the country? How will it bear on the question of keeping step with the drum beat?

One thing is inevitable. The westward drift of population will take from the Atlantic coastal region the balance of power, will create a vastly preponderant strength in the Mississippi valley, and place at the mercy of the newly risen giant not only the so-called "eastern interests", but also the entire social organization inherited from New England, Virginia, and the Knickerbockers. Since 1885 the tendency to such a transformation has become pronounced. The march of the population westward and southwestward is entailing a significant shift of financial, social, and political authority. It is bound to go on; and the lesson it teaches is the importance of keeping step with the changes that are being wrought by it.

In our land and era, when hustle, and bustle, and rustle are trying to drag faith, hope, and charity from their pedestals, there are not lacking men who think they can beat a tempo and keep a step of their own, regardless of the superior and imperial strain. But men who are a law unto themselves end by becoming outlaws. It requires great genius or great fortune to excuse the endeavor. In the music of Wagner there strikes the ear at times a strange, illogical sequence of sounds, out of tune, out of time, out of order; and the critics talk of the splendor of his "transient discord", and tell us of the marvelous skill that adjusts the "transient discord" to the general harmony of the instrumentation. The same thing has been said of certain rare poetical minds—of Byron, Poe, and Francois Villon. But who will turn to any of them for a guide to

happy living and happy dying? Keeping step with the orderly march of human judgment and conscience is a wiser policy than to wield the free lance of the insurgent.

And when it comes to grasping the dominant American conception of the most serviceable ends of scholarship, let the young graduate make no mistake. Far be it from me to deprecate the theory of scholarship that idealizes knowledge for its own pure sake; for the purposes of the average American the utilitarian theory of learning is the one with which as alumni of the University of Illinois we should reckon today.

If we seek for the historic type of scholarship that most fascinates the best men of our own land, we shall find it not in the Hebrew, whose sacred word "wisdom" was a star for the moral improvement of man—but a star that dwelt apart. Not in the Greek, whose philosophy, infatuated with its own loveliness, trembled always on the brink of sophistry. The dominant American conception of Scholarship is that of the Roman, by whom learning was valued not as a system of speculation or a system of morals, but for its power to rule the state, to codify laws, and to hold the masses of men in orderly and honorable communion.

Let the young man, when he leaves this University, seize the idea of the republic — which is self-government perfected by education. Let him direct his study to the problems of trade, food supply, public revenue, labor, social science, electoral methods, poverty, crime, prisons, hospitals, schools, governmental standards and conduct in office. Let him seek to regulate these issues and to solve these problems in the altruistic spirit. He will find that he is keeping step with the drum beat of progress—serving his country, in which his scholarship is to be an influence, and developing in himself not only the qualities that bring material success, but also the large, deep enthusiasms for beauty and truth that underlie serviceable character,

UNIVERSITY FOR THE QUARTER

COMMENCEMENT

PROGRAM

SUNDAY, JUNE 12

Baccalaureate Sermon by the Reverend W. S. Plumer Bryan, Church of the Covenant, Chicago, in the Auditorium at 4:00 p. m.

MONDAY, JUNE 13.

Dedication of Memorial Urn, 9:00 a. m.

Class Day Exercises, Auditorium, 9:30 a. m.

Military Band Concert, Lawn, 1:30 p. m.

Annual Address before the Phi Beta Kappa and Sigma Xi Societies by S. H. Harris, Sc.D., LL.D., President Northwestern University, Morrow Hall, 3:00 p. m.

Senior Ball, Armory, 8 p. m.

TUESDAY, JUNE 14

Reunion, Class of 1885. Quinquennial Reunions of the Class of '75, '80, '85, '90, '95, '00, '05.

General Alumni Reunion, Young Men's Christian Association Auditorium, 9:30 a. m.

Alumni Business Meeting at the same place, 10 a. m.

Dinner, Woman's Building, 12:30 p. m.
President's Reception, Auditorium, 8 p. m.

WEDNESDAY, JUNE 15

Thirty-ninth Annual Commencement. Address by President Edmund Janes James.

Senior Breakfast, 8 a. m.

Senate Luncheon in the Woman's Gymnasium, 12:30 p. m.

Illinois' thirty-ninth annual Commencement came on Wednesday, June 15, as the culmination to a week of interesting events. Cool, sunshiny weath-

er and a program that was both interesting and strenuous assisted in making the occasion a happy one. Not so many alumni registered as at the thirty-eighth commencement, but the falling off is probably due to the fact that many of the old men are delaying their return until the official Fall Home-Coming in October.

One of the most interesting events of the Commencement exercises proper was the conferring of the honorary degrees. The recipients of honors from the University were Mrs. Ella Flagg Young, superintendent of the public schools of Chicago; Honorable Isham Randolph, consulting engineer to the Sanitary District of Chicago, and Professor L. P. Breckenridge of Sheffield Scientific School of Yale University. A special delegation of over one hundred principals of the Chicago schools came down to see Mrs. Young honored. They occupied seats on the platform with the members of the Board of Trustees, members of the faculties, and University officials.

Many distinguished visitors were present, among them being Mrs. John M. Gregory, widow of the first regent of the University.

BACCALAUREATE

The exercises were opened at 4 o'clock Sunday, June 12, with the baccalaureate sermon. Reverend W. S. Plumer Bryan, D.D., pastor of the Church of the Covenant, Chicago, delivered the address to the graduates, taking for his subject, "The Problems of Religion." After speaking generally to the great audience that filled the Auditorium he addressed himself particularly to the graduates as follows:

"Like Jacob, you are starting out on

the great journey of life. Many of you doubtless, have chosen careers and your professions, but you find much that is uncertain before you, and your future will have great surprises. At times you will realize how much alone you are, how little any friend, or father, or professor, can do for you, and in your loneliness, and your great need, you will find yourself as Jacob did, in a desert place. May it be yours to discover in Jesus of Nazareth one who makes the desert place full of joy and gladness, and fills your heart with a new and heavenly purpose because He is with you and will never forsake you.

"Some of you, like Jacob, will sooner or later go in quest of a life partner. The home is the hope of the nation. The man or woman who looks forward to a home of his or her own is honorable in the sight of God and man. I know of nothing in our modern life in which the presence and the power of Jesus of Nazareth is more needed than in the making and building of our homes. He was pre-eminently a man of the home, though He had not where to lay His head, and His influence established in your homes that are to be, will secure to you and to yours a sanctity, a tenderness, and a permanence which no earthly wisdom can supply.

"All of you, like Jacob, must carry about with you the sense of wrong which you have done, of duties you have left undone, of obligations that you have broken. Conscience will smite unless conscience be dead within, and your heart will be divided against itself. In that solemn moment when the consciousness of sin grows strong, lift your eye to Him who put away sin by the sacrifice of Himself, who died that we might live, and who opened up the way for sinful men to return to the home of their Heavenly Father.

Though sin has freshly stained your soul, there shall be peace within. Though you have lived a stranger to God and Heaven has been closed to you all your life long, there will come to you that new, that strange, that abiding experience in which in your inmost soul you hear the voice of one from Heaven speaking to you personally, calling you by name, and saying: 'Behold, I am with thee, and will keep thee in all places whither thou goest, and will bring thee again into this land; for I will not leave thee until I have done that which I have spoken to thee of.'

COMMENCEMENT

Commencement Week exercises were concluded with the Commencement address to the graduates on Wednesday, June 15 at 10 o'clock. President E. J. James delivered a Commencement address that will long rank among commencement addresses for its forcefulness, and for its appeal to the graduates. His subject was "The Fellowship of College Men", and in the course of his speech he declared that the subtle bond that binds college men together is an ambition toward the idealistic side of life. The address will be found in another department of the *QUARTERLY*.

Prior to the exercises there was the usual procession. At the close of the Commencement address President James conferred the degrees. Professor Lester Paige Breckenridge, formerly professor of mechanical engineering at the University and now head of a similar department at Sheffield Scientific School, received the degree of doctor of engineering. President James denoted him as "A man to be loved; a friend to be prized," in conferring upon him the honor. Professor Breckenridge was presented by Professor N. C. Ricker.

Dean W. F. M. Goss presented Hon.

Isham Randolph for the degree of doctor of civil engineering. Mrs. Ella Flagg Young, "superintendent of the public schools of Chicago and a beloved citizen of this state" received the degree of doctor of laws. She was presented by Dr. W. C. Bagley, director of the University School of Education.

After the procession of graduates and faculty men left the Auditorium the new alumni together with many of the "old grads" gathered in a great circle on the Campus in front of the Library and sang "Illinois." At the end of the last verse the buglers in the University Band sounded taps and the thirty-ninth Commencement was over.

PRESIDENT'S ANNUAL RECEPTION

President and Mrs. E. J. James tendered their annual Commencement Week reception to the graduates, their parents and friends, in the University Auditorium on June 14. The hours were from 8 to 10 and during that time several thousand people passed along the receiving line. Assisting President and Mrs. James were Mrs. C. A. Bahrenenburg, of Belleville, Ill.; Mrs. Laura B. Evans, of Taylorville, Ill.; Mr. and Mrs. W. L. Abbott, of Chicago; Dr. and Mrs. Charles Davidson, Chicago; Mrs. J. M. Gregory of Washington, D. C., and Vice-President and Mrs. T. J. Burrill. During the reception the University Band played a concert in the quadrangle in front of the Auditorium.

CLASS DAY EXERCISES

The class day exercises of the class of 1910 presented one feature that no other class of recent years has been able to boast. At 9 o'clock Monday morning was held the dedication of the Senior Memorial on Illinois Field, a unique proceeding because the celebration urn, which is the memorial, was in

place and complete before Commencement day.

At 9:30 o'clock the class day program proper began in the Auditorium, at 1:30 the University Band played a concert, and at 4 o'clock President S. H. Harris of Northwestern University gave the annual address before the Phi Beta Kappa and Sigma Xi societies. The closing event of the day was the Senior Ball which was held in the Armory in the evening. The morning's program follows:

Music.....	Senior Orchestra
Class History.....	N. L. Goodspeed
Vocal Solo.....	Marguerite Watson
Hatchet Oration.....	R. W. Griffith
Response.....	J. P. Benson
Violin Solo.....	Ferdinand Jehle
Class Poem.....	Frances Morehouse
Class Oration.....	E. M. Miller
Vocal Solo.....	O. E. Pence
Class Prophecy.....	Augusta Krieger
Valedictory.....	Ethel Pond
Music.....	Senior Orchestra
Illinois	Everybody

SENIOR BREAKFAST

The Senior Breakfast for graduates and their friends was held on Wednesday morning, June 15, before the Commencement exercises. It was the usual success and will undoubtedly become one of the traditions of Commencement Week.

Colonel E. G. Fechet, professor of military science and tactics and head of the University's military department for a decade, was retired by the United States Department of War in May. He will be succeeded by Major Benjamin Morse, Twenty-seventh United States Infantry, who will report at the University in September.

Colonel Fechet has probably served longer at the University than any other regular army officer ever assigned to the post. He assumed duty as Commandant on August 2, 1900, and in the ten years that have elapsed he has seen the Cadet Regiment grow to be the largest and best drilled body of students in the country. He entered the regular army in 1861 and has been continuously in the service for forty-nine years. During his years at the University no undergraduate gathering has been complete without his presence, and despite the necessary severity entailed by his position, he has always been one of the best beloved men on the faculty. He will probably go to his home at Port Huron, Mich.

Unusual interest and sadness was lent to the ceremonies of Military Day by the knowledge that
Farewell to it would be the last
Colonel time Colonel E. G.

Fechet would appear officially as commandant of cadets. Owing to advancing years and the growing duties of his position, "the Colonel", as he is affectionately known to thousands of Illinois graduates, presented his resignation to the University Board of Trustees. The document was accepted, but the 1500 members of the regiment did not intend to allow the old veteran to pass from the military life of the University so unauspiciously.

Following the presentation of the medals to the winning cadets on Military Day, President E. J. James announced that it was the last time Col. Fechet would act as commandant. He expressed the appreciation of the University to him for his excellent service in building up the largest and best drilled cadet regiment in the world. He introduced Major O. E. Pence of the Third Battalion who spoke of the work

of the Colonel from the viewpoint of a member of the regiment. As symbolic of the gratitude of the Regiment he presented to Col. Fechet a handsome gold watch as a testimonial of the place he has held in the affection of the Regiment.

Colonel Fechet was most pleasantly surprised at the gift and expressed his thanks in a few brief words.

O. R. Martin, instructor in bookkeeping in the University Academy, will be an assistant in the
Appointments department of economics in the University the coming year.

Johns Hopkins University furnishes another new faculty man in the person of Mr. D. S. Blondheim who took his doctor's degree this year. Dr. Blondheim will be an instructor in Romance Languages.

Professor Edward S. Thurston, a newly appointed professor of law, comes to Illinois from George Washington University. He is a graduate of Harvard University, 1898, and obtained his LL.B. from Harvard in 1901. He practiced law in New York City till 1906, then he became an instructor at Indiana University, later going to George Washington.

John W. Pomeroy, Professor of Law, comes to Illinois from San Francisco. He is a graduate of Yale University, 1887; was a student of political science at Yale the next year; took his master's degree at Yale in 1889; specialized in law and political science at Columbia University, 1889-90; took his LL.B. degree at the University of California in 1901. He practiced law in San Francisco for eight years.

The following additions have been made to the faculty of the College of Literature and Arts:

Miss Harriet Day, Instructor in Art



COLONEL E. G. FEHET

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

and Design. Miss Day has been head of the department of art at the Oklahoma Agricultural and Mechanic College at Stillwater, Oklahoma. I. G. Flocken, Assistant in Economics. R. E. Tietje, A.B., 1910, University of Illinois, Assistant in English. Herbert L. Creek, Ph.D., 1910, University of Illinois, Instructor in English. E. C. Rainey, A.B., 1909, University of Illinois, Assistant in English. Alta Gwinn, A.M., 1910, University of Illinois, Assistant in English. Elizabeth O. Brush, Assistant in History. P. C. Philipps, Assistant in History. T. L. Kelley, A.B., 1909, University of Illinois, Assistant in Psychology.

The following additions have been made to the faculty of the College of Engineering:

James H. Forsyth, Instructor in Architecture. Mr. Forsyth comes from Washington University. John Strohm, B.S., 1910, University of Illinois, Assistant in Civil Engineering. Trygve D. Yensen, B.S., 1907, University of Illinois, Associate in Electrical Engineering. Roy R. Carter, Student Assistant in General Engineering Drawing. C. S. Stevenson, Instructor in Mining Engineering. Mr. Stevenson comes from Ohio State University, where he has been engaged in the same work. O. H. Smith, Assistant in Physics. J. W. Woodrow, A.B., 1910, Oxford University, Instructor in Physics.

In the College of Science the following appointments have been made:

J. H. Whitton, Assistant in Botany and Bacteriology. D. McFarland, Assistant in Chemistry. Ernest Van Alstine, Assistant in Chemistry. Frances D. Abbott, B.S., 1910, University of Illinois, Assistant in Chemistry. T. B. Stansel, Assistant in Chemistry. W. D. Ekblaw, B.S., 1910, University of Illinois, Assistant in Geology.

In Agriculture appointments have been made as follows:

W. H. Sachs, A.B., 1910, Illinois Wes-

leyan University, Assistant in Soils. J. E. Whitechurch, B.S., 1910, University of Illinois, Assistant in Soil Fertility. F. C. Grannis, B.S., 1910, University of Illinois, Assistant in Soil Fertility. E. S. Hoskins, B.S., 1909, University of Illinois, Assistant in Soil Fertility. E. H. McDonald, Assistant in Crop Production. L. W. Somers, Assistant in Animal Husbandry. J. A. Drew, B.S., University of Illinois, 1909, Assistant in Pomology.

Professor C. N. Greenough, head of the department of English, has resigned his position to accept

Resignations an assistant professorship of the second term at Harvard University. He was graduated from Harvard in 1899 and took his master's degree the following year. He obtained his doctorate in 1904, studied abroad the following year, and instructed at Harvard from 1905 to 1907. He came to Illinois three years ago, and has maintained the English department at a high standard of effectiveness.

Mr. H. L. Whittemore, associate in theoretical and applied mechanics, has resigned his position at the University to accept the post of Engineer of Tests in the Ordnance Department of the United States arsenal at Watertown, Mass. Mr. Whittemore has had charge of the instruction and maintenance of equipment in the Laboratory of Applied Mechanics for the past four years. He has made important improvements in the formulation of problems of testing during that time.

J. C. Thorpe, assistant professor of steam engineering in the University for the past two years, resigned his position at the end of the academic year in order to devote all of his time to the automobile business. Professor Thorpe was graduated from the University in 1900 with the degree of bach-

clor of science. He specialized in mechanical engineering but lately he has been attracted to automobile engineering. He is having built in Urbana a large machine shop and has taken the agency for several widely known cars.

Dr. J. H. McClellan, assistant professor of Histology and Embryology and in charge of the department of physiology, has resigned his position. He expects to pursue work next year leading to a medical degree. Frank C. Brecht, of the department of sociology and physiology of the University of Chicago, has been engaged as his successor.

T. R. Powell, who has been associate in political science the past two years, expects to be at Columbia University next year. His successor will be Mr. W. F. Dowd, a prolific writer on political science subjects and widely known in the political field. Mr. Dowd is a graduate of Johns Hopkins.

Dr. Josef Wiehr, for some years a member of the department of German, has accepted a more advanced position in the same department at Smith College.

Professor Thomas W. Hughes of the College of Law resigned his duties on May 10 to seek recovery from a series of attacks of nervous prostration. He has obtained a leave of absence for the year 1910-11.

Dr. Lily G. Kollock, for the past three years Dean of Women at the University, has resigned her position, and has gone to her home at Philadelphia. It has not been announced as to what she will do. Mrs. Mary E. Fawcett, Ohio State University, '08, and for the last two years assistant in the English department, was at the meeting of the Board of Trustees on June 28 appointed Acting Dean of Women. Mrs. Fawcett has been a very acceptable member of the English Faculty, and both at the Uni-

versity and at Ohio State has had considerable experience in the management of young women.

Arthur Ray Warnock, '05, who for the most of the time since his graduation has been an instructor in the department of English, has received the appointment of Assistant Dean of Men, and will devote the most of his time to the work of that office. The University community, and those who know Mr. Warnock best, thing the appointment well made.

Dean F. D. Crawshaw, for the past two years Assistant Dean of the college of Engineering, will go to the University of Wisconsin as Professor of Manual Training. Professor Crawshaw has made a real place for himself in the University community. He has gotten hold of students as very few men find themselves able to do, and his position will be a hard one to fill.

J. W. Case, Assistant Professor of Architecture, has given up his position, and will go into the general practice of architecture in Detroit, Michigan.

S. S. Roberts, Assistant Professor of Railway Civil Engineering, has also resigned, and has not announced his location for next year.

Instructors in the College of Engineering who will not be at the University next year are:

T. H. Amrine, Associate in the Engineering Experiment Station. Q. S. Shields, Instructor in Mechanical Engineering. Claude Mallory Garland, Instructor in Mechanical Engineering. Virgil Fleming, Instructor in Theoretical and Applied Mechanics. Edward B. Stephenson, Assistant in Physics. William W. Stifter, Instructor in Physics. John Wesley Hornbeak, Instructor in Physics.

Miss Isabel Jones, Instructor in Art and Design, will study abroad during the coming year. W. C. Phillips, Instructor in English, will pursue gradu-

ate study in some eastern institution. Arthur J. Tietje, Assistant in English, will hold the position of assistant in the same department in the Massachusetts Institute of Technology. He expects to return to the University at the end of the year. Other instructors in the College of Literature and Arts who have resigned are:

C. W. Parker, Assistant in Commerce, D. W. Morton, Instructor in Economics.

The College of Science will lose Dr. John Wesley Young, Assistant Professor of Mathematics, who goes to the University of Kansas as head of the department of mathematics.

Professor Ernest Julius Wilczynski, Associate Professor of Mathematics, has been called to the University of Chicago as associate professor of mathematics.

C. O. Chambers, Assistant in Botany, will go to Washington University. L. P. Kyriakides will take up commercial work at Detroit, Michigan.

In the School of Music, Miss Sarah D. Morton has accepted another position; and Miss Winifred Forbes, Instructor of Violin, has been obliged to resign because of ill health.

In the College of Agriculture, Leonard Hegnauer, Associate in Crop Production, will go to Washington Agricultural College, at Pullman, Washington, as Professor of Agronomy. C. H. Myers, Assistant in Plant Breeding, will take up graduate work at Cornell. R. C. Obrecht, Associate in Horse Husbandry; D. L. James, Assistant in Dairy Husbandry; and I. S. Brooks, Assistant in Olericulture, have all taken up new positions.

The College of Law will lose Mr. T. B. Cosgrove, Instructor in Law, who will probably return to the practice of law; and Professor E. J. Northrup, Associate Professor of Law, who will go to Tulane University as professor of law.

William Low Pillsbury, registrar of the University since 1893, presented his resignation to the University Board of Trustees in June. The Board at this time decided to accept Mr. Pillsbury's decision although last year when he wished to be relieved of his official duties he was prevailed upon to reconsider his decision and remain a year longer. He will be succeeded in September by Charles Maxwell McConn, principal of the Academy.

The retirement of Mr. Pillsbury adds another name to the list of the old guard that has seen the University grow from a small beginning to its present magnitude and efficiency. He has been connected with Illinois in some way or another for twenty-two years, the relation beginning in 1888 when he became secretary of the Agricultural Experiment Station. From that year until the present he has also acted as secretary to the University Board of Trustees, and in 1898 he was secretary of the Alumni Association. It is understood that Mr. Pillsbury will be admitted to membership in the Carnegie Foundation.

Professor N. C. Ricker, '72, head of the department of architecture in the University and con-

Ricker Resigns connected with the in-
Headship structural staff for

thirty-seven years, asked the Board of Trustees to relieve him of the administrative duties connected with the position, last April. The Board granted the request but prevailed upon Professor Ricker to continue to lecture as at present. He will also retain his title as Professor of Architecture and his salary will be unchanged.

In pursuance of the change the Board of Trustees after wide search and careful investigation announced the ap-

pointment of Frederick M. Mann, now of Washington University, St. Louis, Missouri, as Professor of Architecture and head of the department of architecture.

Dean W. F. M. Goss, in transmitting Professor Ricker's request to the Board, paid him the following tribute in which the hundreds of Illinois graduates who are successfully practicing architecture will heartily join:

Professor N. C. Ricker graduated from the University of Illinois with the Class of 1872. Since 1873, as Instructor, Professor of Architecture, and Dean of the College of Engineering, he has served the University continuously and with distinction. As I go about the country and have contact with the older graduates in architecture and with the larger number of men who have gone out from the other departments of the College of Engineering, I am met on every hand with inquiries for Professor Ricker's welfare, coupled with expressions of appreciation for the service he has rendered. Much of his work has been done in the lean years of the University's beginnings, when the labor of the professor was severe and the sources of encouragement few; but these conditions did not impair Professor Ricker's enthusiasm or diminish his spirit of kindliness. For many years the task of the day has been his pleasure, and devotion to it, his pride. In the upbuilding of his department, he has expanded courses of study, developed an organization for instruction, and searched for and selected books and other illustrated material for library, lecture room, and designing rooms, with results which could have been achieved only through the personal attention of an enthusiastic collector.

In three more years, Professor Ricker will have reached the age of seventy and

will have served the University for forty years. It is significant that in all this time he has never had a leave of absence nor enjoyed the privilege of a sabbatical year. While he has lost none of his love for the work of the classroom, he finds the administrative duties of his department, irksome and at times even difficult. He would be glad if he could be relieved from them. He hopes also that the way may open whereby he may have more time with his books and for writing.

The Board of Trustees of the University recently approved a recommendation that, beginning with September, 1911, a college degree be required for admission to the Library School. For the class entering in September, 1910, the requirement will be as heretofore three years of college work. The new rule did not affect any student in the College of Literature and Arts, or the College of Science, who notified the Director of the Library School of his intention to enter that school before the last Commencement day.

Governor Charles Deneen in April appointed Dean E. B. Greene of the University chairman of the board of trustees of the State Historical Library, vice President E. J. James, resigned. President James was appointed to the position by Governor Tanner in 1897, reappointed by Governor Yates, and continued by Governor Deneen. Under his regime the work of the library has expanded and developed in many directions until now the Illinois institution stands at the head of the state historical Libraries. Dean

Greene has been for some years chairman of the expert advisory commission of the Historical Library Board, and a member of the board of directors of the Illinois State Historical Society since its foundation.

Professor Julius Goebel is general editor of the first two volumes of a new series of German texts called the Oxford German Classics.

One of the texts is Lessing's well known comedy, "Minna von Barnhelm", for which Dr. Josef Wiehr of the University's German department has written an introduction and vocabulary. Dr. Eckelman, formerly of the University, has edited the other, "Die Judenbuche", a masterly German novel.

Professor J. W. Garner, head of the department of political science, is the author of a new book entitled "Garner's Introduction to Political Science." The volume is a systematic treatise on the science of government, including the nature, origin, forms, organization, and functions of the state. It is designed to meet the demand for a more comprehensive college text book than is now to be found in English.

"Casts of Foraminifera in the Carboniferous of Illinois" is the title of a contribution to Bulletin No. 14 of the Illinois State Geological Survey by Dr. R. M. Bagg. The article is the result of Dr. Bagg's study of certain glauconite like grains which have been observed in the clay beneath the coal seams in the Illinois series.

Dr. Burt E. Powell, secretary to President James, writes upon the age of college students in the April number of the *American College*. The figures taken are those of students entering the University of Illinois and they show that the average student does not go

immediately from high school to the University, but spends more or less time out of college. He summarizes his observations as follows: The average age of the high school graduate is 18.26 years. He remains out of college three-fourths of a year, enters the University at the age of 18.98, and graduates at 23.42 years.

A feature of the recent memorial number of the literary section of the New York Zeitung was an article by Professor Julius Goebel. The contribution dealt with the future of the German element in America and created such an impression that a hundred thousand extra copies of the paper were struck off.

Professor E. C. Baldwin is the editor of a new edition of Dickens' "David Copperfield", destined for use among beginning students. There is an introduction of thirty-two pages, including bibliographies and criticism.

Artistically a great success but financially a failure, the University's thirteenth annual May

May Festival Festival of May 2,
Big Success 3, and 4 presented a program that satisfied

the demands of the most critical music lover. Generous audiences listened to the four concerts, and the work of the artists was cordially appreciated. Mme. Rosa Olitzka, the contralto of the Boston Opera Company, sang the opening concert on the evening of May 2 to a large audience.

The University Chorus of two hundred voices, assisted by several soloists, and accompanied by the Minneapolis Symphony Orchestra with Emil Oberhoffer conducting, furnished the program of the second evening. The Chorus sang "Hiawatha's Wedding Feast", a musical interpretation of Longfellow's poem by Coleridge Tay-

lor. On May 4 there were two performances, a program by the Symphony Orchestra in the afternoon, and a joint rendition of "King Olaf" by Elgar, by the University Chorus, the soloists and the Orchestra in the evening. Guarantors made good the slight loss, and the Minneapolis orchestra has been engaged for next year's Festival.

In addition to the usual high school art and manual training exhibit during Interscholastic week

Art Exhibition University visitors had the opportunity of viewing something distinctly worth while in an exhibition of the work of Frederick O. Sylvester, of St. Louis. Mr. Sylvester had over a hundred pieces of his landscape work on display in the foyer of the University Auditorium where it was admired by art lovers from all over the state.

The University was represented by several speakers at the annual meeting of the Illinois State

State Historical Society Historical Society at Springfield on May

5 and 6. President James gave a brief sketch of the Illinois State Historical Library. Herman G. James, '06, spoke on "The Illinois Bill of Rights", and Dr. George T. Flom told of the Kensington runestone. At the annual election President James and Dean E. B. Greene were elected to the board of trustees.

An interesting collection illustrating the processes of printing and book-binding has re-

Library Acquires Collection cently been acquired by the Library School of

the University. Both the old and new methods are represented. There are samples of wood cuts, mezzotints, and lithographs as well as modern color

plates. The collection was on exhibition in the upper corridors of the Library during May Festival Week.

The University Faculty will be largely represented in Europe this summer,

Faculty in Europe about thirty members either already having sailed, or intending to do

so shortly. Among those who expect to spend the summer in this way are: Dean and Mrs. W. F. M. Goss, and Miss Mary Goss, Professor Bogart and family, Professor E. R. Dewsnup, Miss Anna May Price, Mr. and Mrs. H. T. Nightingale, Professor Donald McIntosh and family, Professor N. A. Wells, Miss Daisy L. Blaisdell, Dr. N. C. Brooks, Dr. and Mrs. F. W. Carpenter, Professor G. T. Flom and family, Director and Mrs. C. H. Mills, Mr. and Mrs. G. Rawson Wade, Mr. H. B. Dirks, Mr. R. J. Love, Professor and Mrs. A. P. Carman, Dr. and Mrs. E. W. Washburn, Professor E. J. Northrup, Professor S. T. Sherman, Dr. and Mrs. A. S. Pease, Mr. C. H. Forsyth, Mr. H. F. Major, Professor H. J. Barton. Professor T. E. Oliver and Professor C. T. Knipp, with their families, have also gone abroad, and expect to spend the year, the former in France, and the latter at the University of Cambridge, England.

Professor and Mrs. H. W. Mumford are spending the summer on their farm in Northern Michigan.

Dr. and Mrs. Ernest J. Berg left June 18 for New York whence they sailed for Europe. They will spend the summer in England and on the Continent, with headquarters in Berlin.

Rule 41 for the guidance of undergraduates, has this year for the first

Rule 41 time become operative, and has resulted in barring something like fifteen students from graduation. The

rule is as follows: "A student having grades below 75 in subjects aggregating 25 per cent of his entire work shall not be graduated." Perhaps no other regulation ever passed by the University authorities has caused more discussion than this rule. Students generally are opposed to it, and a majority of the members of the Faculty are uncertain as to its merits. It has proved difficult of administration, and in all probability it will soon be rescinded.

The Phi Gamma Deltas have begun the erection of a fraternity house on their lots at the corner of John and

New Fraternity Houses Fourth streets, to cost when completed

something like \$25,000.00. It is said, also, that the Delta Tau Deltas will be for the summer is over begin the erection of a house on their property at the corner of John and Third streets. The plans for these two houses have been made by Temple & Burrows, Davenport, Iowa.

The Summer Session, under the direction of Professor W. C. Bagley, shows a some-

Summer Session what larger enrollment this year than ever before. Six hundred and forty-one are enrolled at Urbana, and thirty-nine at the Biological Station at Havana. Students show an unusual activity, and literary societies, dramatics, athletics, and a tri-weekly *Illini* are all flourishing.

Professors Hallberg, Day, and Clark attended the annual meeting of the

School of Pharmacy American Pharmaceutical Association held in Richmond, Virginia, May 2-9. Professor Hallberg was elected Editor-in-Chief of the

newly established Journal of the American Pharmaceutical Association, Professor Day was installed as first vice-president, and Professor Clark was elected chairman of the Scientific Committee. Together with Professor Snow they attended the Decennial Convention for the election of a committee to conduct the revision (ninth) of the Pharmacoposia of the United States. Professor Hallberg was elected a member of that Committee.

Professor Hallberg delivered the principal address at the Annual meeting of the Kansas Pharmaceutical Association held at Salina, Kansas, and also at the annual meeting of the Nebraska Pharmaceutical Association held in Omaha both during the month of June.

At the annual meeting of the Illinois Pharmaceutical Association held in Decatur, Professor Day was re-elected Secretary for the coming year. The Alumni of the School held an informal meeting at Dreamland Park during this meeting and it was found that there were twenty-five graduates attending the meeting.

Yale University has bestowed an honorary degree on that eminent Illinois citizen, Miss Jane

Miss Jane Addams Addams. That is a significant fact, especially to Illini, because Yale, one of the oldest of American Universities, never before gave a degree to a woman, and because Illinois also this spring gave an honorary degree to a Chicago woman, Mrs. Ella Flagg Young.

Of course every Illinoisan will regret that no university within our state has ever done what far-away Connecticut has now done for one of our citizens, one whose great work has been performed, from her childhood to the present time, within the borders of her own commonwealth,

The most conservative newspaper in America said editorially on the day Miss Addams received her degree: "In instituting the innovation of conferring an honorary degree upon a woman, Yale could not have made a better choice than she did at her commencement today. Jane Addams has won a kind and degree of distinction to which a university degree, indeed, can add nothing; and she has done her work in such a spirit that we cannot think of distinction, either formal or other, as forming any part of the motive that has impelled her. But it may nevertheless give some satisfaction to this quiet and strong and steadfast worker to find its excellence so acknowledged as that she becomes the first of her sex to receive the honorary tribute of the most conservative of our ancient universities. Honorary university degrees are given for every kind of merit, and do not necessarily imply intellectual distinction, if notable public achievement otherwise seems to warrant them; but in Miss Addams's case, the practical hand-to-hand work in the grapple with Chicago's slum conditions could not have been attended with the extraordinary success she has achieved but for the possession of powers of thought as well as of action that are extremely rare. And even so it is the spiritual qualities that she has manifested which are the most remarkable of all."

At its annual business meeting on June 14 Phi Beta Kappa, the honorary society in literature and arts, elected the following officers of Gamma chapter for the ensuing year: President, C. M. Moss; Vice-President, J. W. Garner; Secretary, Miss Charlotte Gibbs; Treasurer, M. H. Robinson.

New members received into the organization were Charles Weston, '76, of Hay Springs, Nebraska; Miss Myra Mather, '04, of Joliet Illinois; Allen Carter, '05, of Chicago.

Dean E. J. Townsend of the College of Science delivered the commencement address at Albion College, Albion, Michigan, recently, and celebrated the twentieth anniversary of his graduation from that institution.

Professor Edward C. Schmidt, associate professor of railway engineering, presented a paper on "Freight Train Resistance and Its Relation to Average Car Weight," before a joint meeting of the American Society of Mechanical Engineers and the Engineers' Club of St. Louis on May 28. The University test car made a special trip to St. Louis and was on exhibition during the afternoon.

The latest addition to the engineering equipment of the University is a locomotive testing plant presented by the Varsity Gets Testing Plant Chicago & Northwestern Railway Company. For a number of years the corporation has been using it in important research problems at its Fortieth Street shops in Chicago. At the University it will present to students of the School of Railway Engineering and Administration unusual opportunities for studying problems affecting the design and construction of locomotives. Professor E. C. Schmidt in charge of the department of railway engineering will have direct supervision of the plant.

Major General Edward C. Young, commanding officer of the Illinois National Guard, addressed the members of the Cadet Regiment at the annual Military Day exercises on Illinois Field on May 30. After a review of the regiment by General Young, the bronze medals were presented to the officers and privates of Company B of the Second Battalion, winners of the annual company competitive drill, to the winning detachments of the battery and the signal corps, and to the winners of the Hazleton and University drills. General Young spoke to the cadets of national loyalty, tracing its development and showing how it might be applied not only in military service but in business and peaceful pursuits as well. At the close of the address the regiment marched to Mount Hope cemetery where Company B fired a salute of three guns across the last resting places of the veterans.

Speaking at the annual banquet of the alumni of the College of Physicians and Surgeons in the gold room of the Auditorium Hotel, Chicago, on Monday evening, June 6, President E. J. James told the graduates from the medical department of the University that the low plane of medical education in Illinois is due to the lethargic attitude of the people themselves. He took for the text of his remarks the report of the Carnegie Foundation which appeared the day before and which contained a scathing rebuke to medical education in Illinois and especially in Chicago. President James declared the indictments of the Foundation to be in essence just and true.

He admitted the lack of a first-class medical school in the state and voiced

his belief that there would never be one until the co-operation of the public spirited citizens of wealth and the support of the people of the state through the state treasury should be secured for this department of public education. He reviewed the efforts of the University for advancement in this branch and told of the lack of results.

A delegation of over 600 business men and farmers from Edgar County, Illinois, were the guests of the University on an inspection tour on June 17. The visitors spent the day looking over the buildings and grounds and returned over the interurban in the evening. Prof. F. H. Rankin, superintendent of agricultural extension, was in charge of the party.

Professor E. J. Lake has been made chairman of the preliminary organization of a University Art Association. The action was taken at the round table of the University Section of the Western Drawing Teachers' Association at Minneapolis in May. The association will meet at the University of Illinois next May.

The National Commission for the study of problems relating to human nutrition met in the University chemistry laboratories on May 20 and 21. There were papers and general discussions. Members of the Commission are Dr. H. S. Grindley of the University; Dr. Theobald Smith of Harvard University; Prof. R. H. Chittenden of Yale University, and Dr. A. P. Matthews, of the University of Chicago.

The fellows and scholars who have been chosen for next year by the Board of Trustees for the University includes a large number of University graduates, more than ever before. Though most of the selections are from middle western institutions the East and far West are well represented.

The scholars are:

Botany—Frank C. Gates and Grace E. Stevens, University of Illinois.

Chemistry—G. W. Sears, Drury College; P. S. Burgess, Rhode Island State College.

Economics—Wardeman P. Stallings, Shurtleff College; C. A. Freeman, Albion College.

Electrical engineering—E. S. Hight and W. J. Putnam, Illinois.

English—Margaret H. Hallett, Illinois; Pinckney F. Smith, University of Missouri; Frances E. Doan, Butler College; Henry A. Burd, Illinois Wesleyan University; J. W. Good, Erskine College; Clarisso Rinaker, Blackburn College.

Entomology—Joseph D. Hood, Illinois; Warren Williamson, Knox College.

Geology—W. E. Kkblaw, Illinois.

German—Carl J. Bergman, Augustana College; Augusta Krieger and Irma Voight, University of Illinois.

History—Elmer R. Stahl, Illinois; Eldon V. James, Marietta College; Esther C. Mohr, Illinois; Frank W. Strong, Williams College; Con Flynn and Bernard P. Huehner, Knox College.

Latin—Lucile S. Cravens, Lombard College; Edith J. Rees, Hedding College; Bessie E. Shackell, Illinois.

Greek—W. H. Stallings, Jr., Shurtleff College.

Mathematics—Josephine E. Burns, University of Illinois; Christopher Gou-

wens, Northwestern University, Ferdinand V. Ray¹, Wabash College.

Physics—Lloyd T. Jones and James P. Coyle, Lake Forest.

Psychology—Alida C. Bowler and C. E. Burgener, Illinois.

Romance language—John R. Shulters, Illinois; Cleona H. Soule, Miami University.

Zoology—Herman Douthitt, University of Oklahoma; E. F. Hirsch, Northwestern; Mary B. Howe, Ohio State University; Paul S. Welch, James Millikin University.

The fellows are:

Agronomy*—Walter B. Gernert, Kansas State Agricultural College; Albert L. Whiting, Rhode Island State College.

Animal husbandry—Richard H. Williams, Illinois; Ernest Carroll, Utah Agricultural College; W. E. Joseph, Purdue.

Chemistry—Stuart J. Bates, Harbord State Collegiate Institute; Charles E. Burke, Woodstock College; Duncan A. Macinnes, Utah Agricultural College; John W. Read, University of Missouri.

Economics—Elmer J. Brown, Arthur E. Swanson and C. C. Wang (honorary) University of Illinois.

Entomology—Hugh Glasgow, Illinois.

German—Frederick H. Adler, Ohio State; Margaret L. Bailey, Cornell; Vincent H. Todd, Harvard; Martin W. Stinke, University of Washington.

History—Darwin O. Clark and Susan M. Reed, University of Illinois.

Mathematics—Charles A. Fischer, Wheaton College; Ellis B. Stouffer, Drake College; Hazel H. Macgregor, Illinois.

Physics—Samuel H. Anderson, Park College; David W. Cornelius, DePauw University; Harry R. Woodrow, Drake University; W. W. Stifler, Illinois.

Political science—Lent D. Upson, University of Wisconsin.

Zoology—Harley J. Vancleave, Knox College.

Research fellows in engineering experiment station are as follows:

Chemistry—H. L. Olin, University of Iowa.

Electrical engineering—C. E. Bennett, University of Nebraska; O. B. Wooten, Mississippi Agricultural and Mechanical College.

Physics—S. A. Rowland, University of Arkansas.

Railway engineering—P. W. Shawver, Purdue University.

Mr. Edwin E. Slosson, literary editor of *The Independent*, and author of the series of articles on **Journalists** American Universities **Instructed** appearing in that magazine, delivered a series of lectures on journalism to University newspaper students, beginning on April 25. He spoke of the qualifications for newspaper and magazine writers and entertained the classes with inside facts concerning great men in the profession. Mr. Slosson also delivered a course of lectures before the School of Education on "The Tendencies and Needs of University Education."

Joseph J. Augustus, representing Englewood High School of Chicago, won **Oratorical Honors** first place in the University's fourteenth annual Interscholastic Oratorical Contest on May 20. Mr. Augustus spoke on "The Master Diplomat", eulogizing most effectively the career and character of the Late John Hay. Miss Lillian Davis, of Jacksonville, with a composition on "The Genius of Patriotism" was awarded second honors, and Mr. Wright Burrell, of Freeport, who spoke on "America's Nineteenth Century Proph-

et", secured third place. Ten Illinois high schools were represented, medals being awarded to the winners of the first three places.

Professor J. W. Garner, head of the department of political science at the University, is the editor of a new publication, *The Journal of Criminal Law and Criminology*. The book was issued for the first time in May and is the only American publication dealing with crime.

Professor Bernard Boeggild, the famous Danish authority on dairy and milk supply, delivered two lectures under the auspices of the College of Agriculture in May. He spoke first on "City Milk Supply", illustrating his remarks with a description of the Copenhagen plan which has proved highly successful. His second lecture was on "Cow Test Associations in Denmark."

Governor Charles Deneen has commissioned Dean O. A. Harker of the College of Law to serve upon an executive committee as a representative of Illinois to organize the council of the National Civic Federation.

Dean David Kinley sailed on June 15 for Buenos Ayres, Argentine Republic, where he will represent the United States at the fourth Pan-American Congress.

He was accompanied by Herman G. James, '06, who received an appointment as his private secretary. On May 20 Dean Kinley was the guest of honor at a banquet given to him by the Chi-

cago Association of Commerce at the Blackstone Hotel.

Dr. Theobald Smith, head of the pathological department of Harvard Medical School, lectured at the University on **Dr. Smith Lectures** May 19, on "The Relation of Bovine to Human Tuberculosis." The State Medical Society, in session at the time in Danville, attended the lecture.

OBITUARIES

RICHARD PRICE MORGAN

Richard Price Morgan, member of the University Board of Trustees from 1891 to 1897 and prominent as a civil engineer and railway expert, died at his home in Dwight, Illinois, on Friday, May 20. Mr. Morgan was born September 17, 1828, in Stockbridge, Berkshire County, Massachusetts. He prepared at Grammar School, Albany, New York, and practiced civil engineering for half a century. He was the author of the first report ever published with plans perfected in detail for a rapid transit elevated steam railway in New York City, and he did similar investigative work for the federal government. From 1870 to 1874 he was a member of the Illinois State Railroad and Warehouse Commission. In 1887 he became affiliated with the Western Society of Engineers. Mr. Morgan was married on November 1, 1854, to Miss Mary E. Rutzler, at Poughkeepsie, New York, and was the father of three sons and a daughter. His service on the University Board of Trustees came at the critical period of the Institution's history and it is to his forceful character and prophetic vision that much of the present success is due. In his demise the University has lost a friend.

EMORY COBB

On April 14, at his home in Kankakee, occurred the death of Mr. Emory Cobb, who for over twenty years was a member of the Board of Trustees of the University. Mr. Cobb had not been ill, and while his great age prevented his health from being the best, the information regarding his demise came as a shock to his many friends about the University. The funeral was held in Kankakee on Monday, April 18.

Of the many prominent men who have served the University as trustees Mr. Cobb has been among the most faithful and distinguished. He was appointed a member of the first board in 1867 and served continuously till 1893, a period of twenty-six years. This is the longest service ever given by any one man on the board. In 1873 when the number of trustees was reduced from twenty-eight to nine Mr. Cobb was made president of the organization. He held that position for eleven years and until he declined longer to accept re-election. During his entire term he was chairman of one of the most important committees, that on finance.

The deceased was prominent in the business and financial life of the community in which he lived. He was affiliated in various official capacities with many financial institutions and always manifested an interest in the advancement of agriculture. For thirteen years he was vice-president of the Illinois Board of Agriculture, and for twenty years he was president of the American Shorthorn Breeders' Association. In religion he was an Episcopalian and held many of the lay offices within the gift of the church.

Aside from a public appreciation of his work by Dr. T. J. Burrill, the University honored Mr. Cobb's service by sending as its representatives to his

funeral Dean O. A. Harker, Professor C. W. Rolfe, Professor N. C. Ricker, and Vice-President T. J. Burrill.

GEORGE MYGATT FISK

George Mygatt Fisk, professor of commerce at the University from 1902 to 1908, met death by drowning at Madison, Wisconsin, on the afternoon of Friday, April 29. The body was not recovered until Saturday. Inasmuch as Professor Fisk was out canoeing alone when the accident occurred details are few, but it is believed that his boat was capsized by a sudden squall.

The deceased was born July 16, 1864, at Canfield, Ohio. He received his preparatory education at the Ashtabula High School, the New Lyme Institute, and at Phillips Exeter Academy. He attended Johns Hopkins University, and took his bachelor's degree from Michigan in 1890. After receiving the doctor's degree from Munich in 1896 he attended a number of German universities, becoming superintendent of public schools in Michigan upon his return in 1890. From 1897 to 1900 he was second secretary of the American Embassy at Berlin, and in 1902 he accepted a professorship in commerce at the University.

Professor Fisk performed an active part in building up the courses in commerce and business administration. His diplomatic experience and his extensive travels peculiarly fitted him for teaching economics, and his class room methods endeared him to every student who was fortunate enough to have him for an instructor. There was general regret when he resigned two years ago to remove to Madison, where he devoted his time to the management of his business affairs. At the time of Professor Fisk's death, Mrs. Fisk was on her way to Europe whither she had gone only a

few days previous to spend the summer.

ELBRIDGE ROMEYN HILLS

Colonel Elbridge Romeyn Hills, professor of military science and tactics at the University from 1890 to 1894, died at his home in New York City on Thursday, April 14. Colonel Hills was born March 18, 1844, in Granger, Ohio. After securing his preparatory education in Granger Academy he entered the United States Military Academy at West Point from which he was graduated in 1866. He was commissioned a Second Lieutenant in the 5th Artillery and was promoted first to a first lieutenancy and then to an adjutancy before he assumed his duties at the University.

During his four years as head of the military department he made many friends among the undergraduates, the faculty, and the residents of Champaign and Urbana. He was again promoted, this time to the captaincy of the 5th Artillery, during his term at the University. Later he became Lieutenant Colonel and finally Colonel, and in 1903 he was detailed for duty in the War Department at Washington, D. C., as acting Assistant Adjutant General, and in 1905 as Assistant Adjutant General. Colonel Hills was retired from active service by direction of the President and upon his own request on March 26, 1906, after a continuous service of over forty-three years.

JAMES A. WEST

James Alexander West, assistant state entomologist, died of pulmonary tuberculosis on April 17. His demise took place at the Ottawa Tent Colony, where he had been endeavoring to regain his health since an attack of typhoid-pneumonia last summer.

Mr. West was a graduate from the scientific department of Illinois Wesley-

ian University, class of '99. He took his master's degree at Boston University in 1903 and later did research work at Northwestern University. He had been with the State Entomologist's staff for the past three years.

The deceased is survived by his wife

and a little daughter. The funeral was held from the residence in Champaign under the auspices of the Masonic Lodge of which Mr. West was a member. Rev. J. C. Baker, of Trinity M. E. Church acted as chaplain and members of the Acacia fraternity were pallbearers.

STUDENT LIFE

Twenty-five juniors and seniors in the courses in industrial chemistry made a week end inspection trip through Chicago and other upstate cities in May. The party was in charge of Prof. S. W. Parr and visited the Sherwin-Williams Paint Company, the Illinois Steel Company, the Universal Portland Cement Company, at Buffington, Ind., and the Steel Corporation's plants at Gary.

The University's twelfth annual Maypole pageant and dances occurred on Illinois Field at twilight on May 19. Over 300 girls participated, and an audience of 7,000 spectators looked on and applauded. Miss Norma Cooley, of Maywood, Illinois, was the queen of the festival, and Miss Julia Harper, of Urbana, was her maid of honor. Following the Maypole pageant the women's organizations of the University entertained an Auditorium full of Interscholastic visitors at the "stunt party."

The month of May saw two more Greek letter organizations added to the lusty family that already surrounds the Varsity campus. On May 8 and 9 the Argos Club became Alpha Deuteron chapter of the Phi Sigma Kappa, and on the twenty-eighth of the same month the Aztec Club was transformed into Omicron chapter of the Psi Upsilon fraternity. Both organizations celebrated with banquets, and many visitors and alumni were in town to assist in the ceremonies.

Phi Sigma Kappa has twenty-seven

chapters, mostly among the eastern colleges and universities. The new chapter at Illinois has taken a prominent part in undergraduate activities and petitioned for three years before obtaining a charter. Psi Upsilon will also add strength to the local Hellenic councils. The Aztec club was formed in 1903 and its entrance into Psi Upsilon brings the number of national fraternities at the University up to eighteen.

Aeroplane flights which were to have been furnished by the Hering-Curtiss Aeroplane Company during Interscholastic Week had to be indefinitely suspended owing to an accident to the biplane. During a trial flight on the morning of May 20 the machine was struck by a gust of wind, and plunged twenty feet to the ground. Rain and wind prevented exhibitions on Saturday, and on Monday when the weather conditions were ideal, the aeroplane refused to fly. Aviator Brode, who was in the machine when it fell on Friday morning, escaped unscathed.

The annual financial statement of the University Athletic Association, which appeared in June, shows that the organization is in better condition financially than ever before in its history. The Association ends the fiscal year without one cent of indebtedness outstanding against it, and with the comfortable sum of \$5,046 in its strong box. Extended improvements have been made on Illinois Field, but the expense has been more than balanced by the record-

breaking crowds that have attended athletic attractions on Illinois Field.

Messrs. B. C. Wheatlake and R. M. Spurck, seniors in the department of electrical engineering, built and equipped a wireless telegraph station at the University this spring in order to secure data for their graduating theses. The plant is upon the top of the University Power Plant smoke stack and furnishes communication with the wireless station at Purdue University. Dr. C. T. Knipp supervised the work.

C. M. Thompson, graduate student in history, has been granted the Ozias Goodwin Fellowship in constitutional history at Harvard University. R. J. Kern, another graduate student and assistant in the department of history has been awarded a scholarship in Slavic history at Harvard.

Bryant Bannister, '11, of Kewanee, Ill., was elected president of the Illinois Student Union at the third annual election on May 4. D. R. Palmquist, '11, of Moline, was elected first vice-president, and M. T. Harmon, '11, of Effingham, was elected secretary. Vice-presidents from the different colleges were elected as follows: Law, L. A. Zearing; Literature and Arts, F. E. Baer; Science, R. A. Walker; Engineering, J. C. Levey; Agriculture, C. J. Rohrer. Junior councilmen for next year are O. E. Sciler, W. H. Weber, R. P. Gates, A. L. Hall, R. Scott, J. V. Stephenson, and E. B. Blaisdell. On May 27 the retiring officers entertained their successors and the

members of the executive board at a banquet.

Theta chapter of Sigma Kappa sorority entertained the thirty-sixth annual convention of the society in Champaign, on April 14, 15, and 16. The principal officers of the sorority were present, and the larger part of the three days was devoted to business sessions. Delegates from all the active chapters were in attendance, and charters were granted to organizations at the Universities of California and Washington.

J. A. Nevins, '12, and F. H. Nymeyer, '11, will be editor and business manager respectively of the Illinois Magazine for 1910 and 1911. The Magazine finished a successful year in June and has planned to expand considerably next year. The editorial board of the publication has been increased from six to ten members, and a new department of humor is to be added.

Theta Kappa Nu, the honorary law fraternity, inaugurated an honor system all its own in the June final examinations. Every member of the organization endorsed upon his examination paper the following: "The writer has neither received nor given help in this examination." The scheme worked well and presents a sphere of endeavor which other honorary organizations might well enter into.

Dedicated to Track Coach Harry Gill and bearing a large photograph of him upon its frontispiece, the 1911 Illio made its appearance this year on May 18. The junior year book is the

most cleverly gotten up volume of its kind that has ever been edited by the undergraduates. It is especially distinctive in its decorations, there being a generous display of colored plates, cuts, and cartoons. H. O'Donnell is editor and Carleton Trimble is business manager of the book.

Not to be behind other universities and colleges in the matter of aviation, a number of undergraduate enthusiasts formed the University of Illinois Aero Club in May. The organization has twenty-five members and is already experimenting with a successful glider. Several of the members have made flights in various models of air craft, and in a year from now the organization hopes to own a dirigible machine of its own.

Phoenix and Shield and Trident, the honorary senior societies, observed their annual pledge day on Saturday, May 7. Practically every junior worthy of the honor was bid by one or other of the organizations, and a number of the leading 1911 men drew invitations from both societies. Phoenix pledged the following men: M. C. Aleshire, B. Bannister, L. S. Bernstein, E. F. Blakeslee, L. M. Decker, M. T. Harmon, C. J. Levey, G. H. Mueller, F. H. Nymeyer, D. L. Palmquist, L. B. Putnam, C. C. Roberts, C. J. Rohrer, F. L. Stout, C. C. Twist, C. L. Way.

The following juniors went Shield and Trident: R. Huff, C. L. Maxey, B. W. Fullerton, P. J. Graham, C. F. Wagner, T. E. Lyons, C. C. Willmore, F. H. Pond, G. E. Ramey, G. W. Herrick, R. J. Jordan, S. W. Cleave, G. D. Butzer, P. O'Donnell, E. G. Brands, L. A. Zearing, J. T. Twist, E. V. Posten. It is interesting to note that no one was

chosen on purely scholastic grounds, and no one failed of election purely because of his lack of scholarship.

"Kleptomanie", a German comedy dealing with Berlin life, and presented by a cast from Der "Kleptomanie" Deutsche Verein, on April 30, was one of the successes among the amateur theatricals of the year. An enthusiastic audience filled Morrow Hall and accorded generous appreciation to the principals appearing in the production.

Interscholastic visitors had an opportunity to see the musical talent of the Varsity undergraduates displayed at two concerts of the Glee and Mandolin Clubs at the Walker Opera House during the gala week. The members were assisted in the entertainment by Dean T. A. Clark who appeared in a one-act sketch.

Miss Irma Voight, '11, who won second place in the Northern Oratorical Contest at Minneapolis this spring, has been elected a vice-president of the Oratorical League. The University of Michigan will entertain the orators at the contest next year.

Two Missouri students won first place in both the Hazleton and University prize drills at the annual competitive military competitive trials this spring. H. T. Leo, a sophomore from St. Louis, was awarded the University Gold Medal, and Hayes Ackert, a freshman from the same city, won the classic Hazleton prize. Company B of the Second Battalion took first place in the company competitive with an average

of ninety-three per cent. Company A and Company D took second and third places respectively, while the Third Detachment won the honors in the Battery and the Fourth Detachment placed first in the Signal Corps. Officers of the United States Army, from Ft. Sheridan, were judges of the drills.

Summer students are to have a few amusements other than books and lectures according to the **Some Plays** program prepared by **This Summer** the director. The Faculty Dramatic Club has already begun rehearsing a one-act version of "Hiawatha", and the Coburn players appeared in a series of three Shakespearian pieces on July 8 and 9. The plays were given *al fresco*, and were the old favorites, "The Merchant of Venice", "As You Like It", and "Romeo and Juliet."

For the second time in two consecutive years University High School of Chicago won the annual interscholastic **Eighteenth** track and field meet on Illinois Field on May 21. To secure the banner the Chicago lads had to make a total of 26 points and win from a total of ninety schools with more than 500 athletes. Milford High School took second honors through the wonderful work of Leslie Byrd, the weight man, and Hyde Park of Chicago won third.

With ideal weather conditions prevailing the high school athletes had an opportunity to do their best prep events that have ever been staged on historic Illinois Field. Byrd hurled the discus 139 feet, 5 inches, and Berry, a dark horse from Beardstown, Illinois, threw the twelve-pound hammer 166 feet, 9¼ inches. Yates, of Galesburg, won the second quarter-mile race in 2:2 1-5,

clipping a fifth second from the old Interscholastic mark. University High won the blue ribbon largely through the work of Lipski and Knight in the dashes, Loomis in the low hurdles, and Northrup in the quarter.

Milford High School rolled up its eighteen points almost wholly by the consistent work of Byrd. He is credited with first place in the shotput and the discus, and second in the hammer throw. Milford annexed 18 points, Hyde Park 12, and Oak Park and Galesburg tied for fourth with 10 points each. The remaining representatives of the twenty-four institutions that placed got into the column with points ranging from 8 to one-seventh of a tally.

Eight seniors in Professor E. R. Dewsnap's classes in railway administration and management and Prof. **Railroad Students** See Chicago

Dewsnap made a four days' inspection trip of the railway offices and terminals of Chicago during the last week in April. Leading railway officials in the city entertained the men during their visit. Those who took the trip were R. C. Berry, I. A. I. Lindberg, R. Eide, W. P. Renner, A. C. Van Zandt, C. J. Mullen, C. P. Yin, and J. Wang.

With the Passion Play at Oberammergau and the International Exposition at Brussels **'10 Men to Europe** as the chief attractions, Europe is the mecca this summer of a big contingent of students who received their degrees in June. Some of the travelers will go first class but the big majority will cross the Atlantic via the cattle boat route and see England and the Continent by means of fifth class accommodations. Among the graduates and undergraduates who are thus spending

their vacations are L. R. Bear, '10, C. F. Williams, '10, R. R. Moss, '10, G. W. Schoeffel, '10, M. B. Stewart, '10, R. J. Jordan, '11, G. F. Wagner, '11, Karl Dallenbach, '10, and F. R. Tate, '10.

The 1910 issue of the *Technograph*, published annually in the interest of engineering by the co-operated engineering societies of the University, appeared in May. The book is dedicated to Dr. Ernest J. Berg, the new head of the department of electrical engineering, and the leading article by Dean W. F. M. Goss deals with his life and works. A number of faculty men and students contribute to the publication.

Twenty-four delegates from the University Christian Associations attended the annual Lake Geneva Conference of college and university Christian workers at Lake Geneva from June 17 to 25. Among the Illinois representatives were Mr. and Mrs. W. A. McKnight, the former an '04 man, C. S. Harkness, '10, O. E. Pence, '10, and Bryant Bannister, '11, president of the Y. M. C. A. for next year.

Sigma Xi, the honorary scientific fraternity, added thirty-one new names to its chapter roll at its annual initiation on June 1. The new members include twenty-two seniors, four graduates, and five faculty men. They were selected from the Colleges of Science, Engineering, and Agriculture as follows: Seniors—H. C. Boardman, O. A. Carnahan, E. D. Doyle, W. E. Ekblaw, F. C. Gates, J. T. Hanley, E. S. Hight, M. S. McCollister, E. M. McDonald, N. D. Mitchell, G. H. Myrick, W. A. North, H. D. Oberdorfer, Ethel

Pond, W. J. Putnam, K. E. Robinson, G. A. Rutledge, W. G. Stromquist, B. C. Van Pappelendam, C. L. Wagner, C. J. Willard, H. C. Wood. Graduates—T. R. Ernest, A. Homberger, E. B. Stouffer, H. J. Van Cleave. Faculty—E. J. Berg, L. L. Burgess, J. L. Pricer, H. H. Stoek, H. L. Whittemore.

E. B. Pletcher, of the Philomathean Literary Society, and J. W. Myers, of the Adelpic Society, have been elected managers of the Star Course for next season. They have already begun booking attractions and expect to have the program completed before the end of the summer. Among the probable bookings will be Sousa's Band, Senator Gore, of Oklahoma, the Cambrian Glee Singers, and the Amherst Dramatic Club.

At its second annual initiation Delta Sigma Rho, the honorary debating fraternity, received into membership Messrs. L. K. Ellsberry, J. V. Stevenson, C. V. O'Hern, F. H. Railsback, F. H. Ny-meyer and C. E. Burgener. The new members represented the Varsity on the debating team which defeated Indiana and Ohio.

One of the interesting features of the Commencement Week program was the presentation of gold medals to the graduating athletes who had won three Varsity emblems during their University career. The men who received the medals are Capt. E. B. Righter and John Buzick in baseball; J. V. Richards and B. F. Baum in football; Watts C.

Cutter and R. A. Anderson in swimming; J. T. Hanley, J. V. Richards, R. N. McCord, L. J. Washburn, W. S. Redhed, W. R. Jones, and R. E. Brown in track; Popperfuss and Thompson in basketball.

ATHLETICS

T. E. THOMPSON, GRADUATE MANAGER.

T. E. Thompson, '10, member of the Varsity basketball five for three years and manager of the 1910 Interscholastic Circus, has been appointed Graduate Manager of Athletics for the year 1910-11. Mr. Thompson succeeds E. T. Ingold, '09, who has so acceptably filled the position the past year, but who has resigned to accept a position with the Los Angeles Investment Company. The new manager has made an enviable record in his undergraduate course. He will have charge of the financial and advertising ends of University athletics, and assist in coaching basketball.

MANAGERS CHOSEN

At the annual Athletic Association election held in May, C. C. Willmore, '11, of Union Grove, Wis., was elected president of the organization for 1910-11. M. C. Aleshire, '11, of Chicago, was elected track manager over F. H. Pond, and L. M. Decker, '11, of Milwaukee, won the race for the baseball managership over two opponents, T. E. Lyons, and G. M. Mueller.

BASEBALL

ILLINOIS WINS CHAMPIONSHIP

Playing almost errorless ball and defeating one strong collegiate nine after another, the Varsity nine won the Western Intercollegiate baseball championship for 1910 with a perfect record. The Illini played a total of fourteen intercollegiate games, winning every one of

them, and securing a percentage of 1,000.

Scientific team work, effectively applied, and not individual brilliancy, was the secret of the Varsity's success. Every position was played by a master hand but it was the co-operation of the whole nine that gained results. Coach Huff is authority for the statement that the 1910 nine was the best fielding aggregation that ever played at Illinois. This attribute together with the pitching of John Buzick won fourteen consecutive games, three of which went beyond the usual number of innings. The climax of the season came in the last game of the series of three played against Chicago, when the opposing teams broke all records for long games in collegiate baseball, and the Orange and Blue men had to go seventeen innings to beat the Maroons.

Early in the season it became apparent that the chief contenders for championship honors were to be Illinois, Chicago, and Purdue. At the start Penn injured his wrist beyond hope of repair, and Buzick alone was left to bear the brunt of the critical battery position. He pitched the eleven Big Eight games successfully, however, and pulled the team out of dangerous positions game after game.

Chicago and Coach A. A. Stagg succeeded in throwing the biggest scare of the year into the local camp. The Maroons were strengthened as the season progressed and in the second game they were defeated on Illinois Field by a happy run in the ninth inning. In the third game Chicago tied the score in the ninth inning, and a pitcher's battle between Page and Buzick was waged for eight extra rounds until darkness and a wild pitch by Page allowed Thomas to bring in the deciding score. It was one

of the greatest baseball battles ever seen in the West, and one that never has been and probably never will be duplicated on Illinois Field.

Little need be said about the work of the individual players. The fielding averages of the men speak for themselves, and the batting was creditable. Buzick was one of the hardest workers and next to him "Bobby" Quayle, who managed the third base. Roger Huff, who was elected captain of the 1911 nine at the close of the season, led the nine with a batting average of .289, and also heads the extra base hitting with two doubles and a home run. Captain Righter was a close second in batting with an average of .279.

A summary of the season follows:

Illinois 7, Arkansas 5.
 Illinois 7, Arkansas 0.
 Illinois 6, Arkansas 4.
 Illinois 4, Indiana 1.
 Illinois 7, Purdue 2.
 Illinois 5, Minnesota 2.
 Illinois 2, Chicago 1.
 Illinois 2, Chicago 1.
 Illinois 6, Chicago 3.
 Illinois 5, Purdue 4.
 Illinois 4, Wisconsin 1.
 Illinois 6, Northwestern 4.
 Illinois 5, Iowa 0.
 Illinois 6, Northwestern 1.

FRESHMAN VARSITY DOES WELL

While the yearlings have not played as many games as the Varsity they have nevertheless gone through the season with only one defeat, and that at the hands of a professional team. The nine has been a notable one among Illinois freshmen teams. In several games it has defeated the Varsity, and in all the intercollegiate contests it has easily held its own. Among the features of its season was the excellent pitching that characterized all games. Prende-

ville, Stanton, Kubat, and Johnson formed the twirling staff, and the first two men especially showed Varsity calibre.

A resume of the year's games follows:

Illinois, 9, Bradley Polytechnic 0.
 Illinois 7, James Millikin 2.
 Illinois 6, Indiana 0.
 Illinois 0, Danville (Three I) 1.

SUMMER BALL RULE REVISED

Rule 12 of the rules of eligibility of the Big Eight Conference was modified by the Conference committee at its annual meeting at the Hotel Beardsley on June 3. The rule provided that "it is expressly understood that no permission shall be given to play on a professional or semi-professional team." Under the new interpretation collegiate players may serve on teams that have paid batteries if they themselves do not receive remuneration.

Professor T. F. Morgan, of Purdue University, secured the passage of a more severe ruling regarding the using of assumed names. Hereafter athletes who take part in athletic contests under assumed names will be punished not only by ineligibility but also by suspension from the conference universities. At the instance of Director A. A. Stagg, of Chicago, precautionary rules were adopted to govern the hammer throw in conference contests. A wire enclosure must be provided by every conference college for track meets on its grounds.

GOLD MEDAL TO NINE

Besides awarding the usual Varsity initial to the members of the Western Conference Championship nine, the University Athletic Association presented to each of the players a solid gold souvenir Illinois watch fob. This unusual mark of esteem is in appreciation of the

team's wonderful record in playing a season of intercollegiate baseball with a perfect record of one thousand per cent. The Varsity emblem was awarded to the following ten men: Righter, Huff, Buzick, Quayle, Butzer, Weber, Schwartz, Thomas, Bunn, and Van Gundy.

PHI GAMMS ARE CHAMPS

Phi Gamma Delta fraternity won the 1910 interfraternity baseball championship by defeating Sigma Chi in a 17 to 2 game on July 9. The victory of the Phi Gamma Delta nine brings the interfraternity championship to that team for the third consecutive year. Sigma Chi, which took second honors, finished in the same position last year.

TRACK

NOTRE DAME WINS CONFERENCE; ILLINOIS FOURTH

In a strenuously contested competition, productive of shattered records and witnessed by record breaking crowds Notre Dame on Saturday, June 4, won the tenth annual Western Intercollegiate Conference meet on Illinois Field. The Catholic school secured the western track championship by rolling up a total of 29 points. Had it not been for the marvelous performances of some of the Hoosier athletes the title would undoubtedly have been carried to the far west by Leland Stanford University which won second place with a total of 17 points. Chicago took third with 13 points and Illinois and the University of California tied for fourth with twelve points each.

It was the first Conference Meet ever held on Illinois Field, and its success in every particular was evidence that the conference committee had chosen wisely in selecting Illinois in preference to Chicago. Over 4,000 spectators from every state and territory in the Union

sat through the spring afternoon while the picked athletes from thirty-three middle and far western colleges and universities tried for honors in the field and track events.

Notre Dame won the meet by virtue of the evenly balanced team she sent to Illinois. The Indians placed first in almost every event and furnished two of the stars of the afternoon. Fletcher hung up a record of 24 4-5 seconds in the low hurdles in a preliminary heat, thus clipping off 1-5 second from the conference record formerly held by Bockman of Minnesota. Philbrook annexed first place in both the discus and the shot and got the lone point in the high jump. Davenport, of Chicago, was the most brilliant individual performer of the day. He took first in the quarter mile and half mile runs and broke the conference record in both events.

Baker, of Oberlin, lowered Lightbody's record in the mile from 4:25 to 4:20 4-5, and tied Rowe's record in the two mile by doing the distance in 9:50. French, of Kansas, set another new mark in the high jump when he cleared the bar at 6 feet 5-8 inches, which is 1 2-8 inches higher than the old Conference record of 5 feet, 11 3-8 inches held by Fuhrer, of Wisconsin. Leland Stanford ended the record breaking by winning the relay race in 3:23 1-5, a fifth of a second less than the former record.

The Varsity had a well balanced team but against the stars from the East and the West the work of Gill's proteges availed little. Murphy took Illinois's only first in the polevault, clearing the bar at 12 feet, 4 1-4 inches. "Jocko" Jones tied Bellah of Leland Stanford for second honors at 11 feet, 7 inches. Springe garnered the only tally in the weights for the Orange and Blue by taking third in the shotput, and East

won three points in a gruelling two-mile run. He was defeated by Baker, of Oberlin, who tied the Western Conference record of 9:50 to win the race. The twelfth point came in the relay in which the Varsity quartette annexed the lone point.

Sixteen colleges and universities were counted among the point winners, the summary standing as follows:

Notre Dame	29
Leland Stanford	17
Chicago	13
Illinois	12
California	12
Washington State	10
Oberlin	10
Wisconsin	9
Minnesota	5
Kansas	5
Purdue	3
Iowa	3
Colorado	3
Western Reserve	2
Miami	1
South Dakota	1

Varsity Freshmen Prevent Eastern Slam

By winning the freshman intercollegiate mile relay championship at the annual relay carnival of the University of Pennsylvania on April 30, the Illinois freshman quartette prevented all the relay honors from going to the eastern schools. Illinois was entered in the university mile relay championship but had no chance toward placing from the start to the finish of the race. Pennsylvania took first in the event and Michigan got second. In the freshman race the Varsity was represented by Carney, Hunter, Otto, and Cortis, who ran in that order. They made the distance in record time, 3:26 2-5, being the new figures. Pennsylvania, a yard behind, took second, and the crack Princeton team was third.

Old Foes Downed

Coach Gill's men took the first outdoor dual skirmish of the season from Chicago by the narrow margin of 67 to 59. Stagg's proteges had the meet won until the last few events when the Illini's strength in the weights and the jumps turned the tide. Chicago showed up especially strong in the dashes and the Varsity retrieved itself in the weights. Burns and Dallenbach took first and third for the Orange and Blue in the hammer throw, and McCord, Burns, and Jordan, scored a slam in the discus. Davenport, of Chicago, was the individual star of the afternoon, doing the half mile run in 1:58 2-5, a new record for Illinois Field. East, of Illinois, won the two mile race in 10:05 4-5.

Purdue No Rival

Exciting performances in the two-mile run and the pole vault furnished interest in a one-sided track meet between Purdue and the Varsity on May 20. Illinois won the dual competition with a score of 96 to 30, leaping into the lead soon after the first event and emphasizing its superiority as the afternoon progressed. East made a new track record of 9:54 4-5 in the two-mile, and Murphy went to the top of the twelve foot standards to win the pole vault.

Badgers Trounce Illini

Only one defeat is recorded against the Illini in the 1910 track season, and that was suffered at the hands of Wisconsin. The Badgers took the first meet of the season on May 7 by a hair-breadth score of 65 to 61. Richards and Dohmen performed most effectively for Wisconsin.

Freshmen Follow Varsity's Example

In the competition between the Chicago and Illinois freshmen, Belting of Illi-

nois was the prize performer. The Varsity yearlings won the meet with a score of 58 to 46, Belting corroling 15 of the winning points. He secured first honors in all three of the weight events, surpassing the marks of the Varsity entries in each one. Otto brought in 10 points in the 100 and 220 yard dashes.

NEW RULES ADOPTED

At its regular business meeting following the tenth annual Western Intercollegiate Conference meet the Conference committee decided to grant the request of the University of Minnesota athletic authorities that the meet be held in Minneapolis next year. The committee also decided to follow the eastern custom of point awards, and hereafter the first four places in events will be rewarded with official credit, five points for first, three for second, two for third, and one for fourth place.

Hereafter the A. A. U. rule which disqualifies a hurdler for knocking down five hurdles during a race will also be applied to the Western Conference competition. Entrance to the meets will be limited to such institutions as regularly send six or more men. The new ruling will prevent the promiscuous scattering of points among a dozen or more teams that have absolutely no chance of placing among the winners.

The financial report of the meet showed that the net receipts were \$3,205, and that a balance of \$2,500 remained after the paying of all expenses. The balance has been placed in a sinking fund which now amounts to \$4,000.

"I" TO TRACK MEN

The following track men who have made ten points or more in competition in dual meets this season have been granted the Varsity emblem by the

Athletic Association: Seiler, McCord, Hanley, Richards, Rohrer, Graham, Leo, Morrill, Jordan, Ritchie, East, Murphy, Herrick, Washburn, Burns, Brown, Redhed, Jones. Styles, the all-round intercollegiate gymnastic champion of the United States, was also awarded an "I" by the Association. He won his title at the annual intercollegiate tournament at Minneapolis.

ATHLETES REWARDED

In addition to the usual medals offered to winners of Conference events, the conference committee presented to those athletes who broke Conference records, handsome gold medals as a special mark of esteem. The committee also presented Ernest T. Ingold, '09, formerly graduate manager of athletics at the University, who had charge of the advertising and financial ends of the meet, a gold medal similar to those awarded the record breakers.

ROHRER ELECTED TRACK CAPTAIN

Members of the 1910 track squad, which secured fourth place in the Western Intercollegiate Conference Meet on Illinois Field in June, elected Carl J. Rohrer captain of the 1910-1911 team at the annual election on June 6. Rohrer is a junior in the College of Agriculture and hails from Canton, Illinois. His specialty is the half mile run in which event he has won many points for the Orange and Blue during his athletic career of two years.

TENNIS

GOPHERS RUN FOR COVER

The Varsity inaugurated the 1910 tennis season by lifting a victory from the University of Minnesota players on May 27. Playing a brilliant game in the doubles, Musselman and McKim won two out of three sets against

Adams and Brothers, the Minnesota batsmen. The Illini were not so fortunate in the singles, securing but one of the three matches in the tournament. McKim, of Illinois, added effective strength to the Orange and Blue offense.

VARSITY GYMNASTS SECOND

The Varsity gymnastic team composed of five Illinois gymnasts won second place in the eighth annual intercollegiate gymnastic meet at Minneapolis on April 16. Minneapolis with 1156.55 points captured the championship, but Illinois with 1139.85 points was a dangerous contender. The individual all-round championship of the West went to Captain Styles of the Illinois squad who

won by a margin of 20 points over Baker, of Minnesota. Leo G. Hana, instructor in physical training at the University, was elected president of the association. Next year's meet will be held at Madison.

SOCCER TEAM DEFEATED

The Varsity soccer team playing its first game in competition was defeated by the Christian Brothers' College eleven of St. Louis on Illinois Field, April 27. The final score of the game was 9 to 2 in favor of the St. Louisians. The Varsity soccer players will practice throughout the summer in anticipation of the first annual soccer contest with Chicago on October 14.

AMONG OUR COUSINS

At Yale, Dartmouth, Princeton, and Columbia a great feature of commencement is the masquerade of the alumni, which is not at all calculated to add to its solemnity. After the seniors have been properly informed by their baccalaureate preacher that they are now about to depart from these "quiet and scholastic shades" to join the struggle in "the real world", and after they have become properly sobered by the awful gravity of the life before them, they suddenly see all these alumni pouring back into the "quiet and scholastic shades" from the "real world", fifteen times less grave than they, fifteen times more boyish.

President Woodrow Wilson of Princeton thinks this is a bad feature of college life. He would, apparently, have the alumni come back sober and learned, to mingle their wise words with the general hum of commencement essays. But somehow the alumni refuse to come back in that spirit. If commencement is a beginning of sober strife for the seniors, by the same token it is an annual respite from sober strife for the alumni, an annual return for a day or a week to that happy period of youth when a man wasn't afraid to make a fool of himself in the interests of spontaneous enjoyment.

And if anybody can go to a Yale-Princeton or a Yale-Harvard commencement game when the alumni are parading the field by classes, each class in its own peculiar style of imbecile attire, without finding it funny, he had better consult a doctor. Really, it is quite possible to take a day off from the strenuous intellectual life every year or two without completely wrecking the machinery of progress!

Not long ago the commencement ball

game at Yale was especially enlivened by two classes of alumni, dressed respectively as convicts and zouaves. The convicts dragged toy balloons like ball-and-chain attachments on their ankles and marched in doleful lock-step. The zouaves had a cannon loaded with blanks. Dragging this briskly out upon the field, with elaborate military orders they unlimbered and fired on the convicts. The nearest convict fell dead against the next nearest, who toppled over against the next, and so down the line. The convicts sank to the earth with the comic precision of a row of blocks, and the effect was exactly as if a single cannonball had slowly ploughed through the file of them, like Baron Munchausen's bullet through the line of geese.—Walter Pritchard Eaton, in the *Delineator*.

A party of officers of the University of Michigan made a trip through the west in April and May, to bring the alumni into closer touch with affairs at Ann Arbor and to indicate to them some of the pressing problems before the administration. An effort was made to impress upon them the desirability and necessity of an endowment from private sources. The party included H. B. Hutchins, acting president; John O. Reed, dean of the literary department; M. E. Cooley, dean of the engineering department, and Wilfred B. Shaw, secretary of the Alumni Association. The itinerary included Des Moines, Omaha, Denver, Salt Lake City, San Francisco, Portland, Seattle, Spokane, Duluth, St. Paul, Milwaukee, Chicago, and St. Louis, where there are important associations of Michigan alumni. In addition to these places, the party stopped at San Jose, Cal., and Aberdeen,

Wash., making fifteen places visited in all within a period of a month.

Isaac C. Wyman of the class of 1848 has bequeathed to Princeton a fortune of more than \$3,000,000, almost entirely without restriction, except that it shall be used to establish and develop a graduate school. President Wilson, in announcing the gift to the trustees said that "its amount is expected to be sufficient to enable us to form a great graduate faculty and equip graduate teaching upon as liberal a scale as we should desire."

William Cooper Proctor of the class of 1883 has renewed his offer of \$500,000, the withdrawal of which was mentioned in the April *QUARTERLY*. Mr. Proctor renewed his offer on conditions similar to his original terms—his contribution of half a million dollars to go to the Graduate College on condition that an additional half-million be raised, the time being extended to January 1, 1911, in which to raise this fund. The Wyman bequest having come since Mr. Proctor's original offer, providing amply for the endowment of the Graduate College, he now designates that the additional half-million to be raised shall go for the endowment of the preceptorial system. The transfer of this half-million to the undergraduate department will fill a great need.

It will be remembered that most of the \$1,000,000 involved in Mr. Proctor's previous offer was to go for endowment. He now renews the provision that not more than \$200,000 of his gift shall be used for the graduate dining-hall, as a memorial to his parents, the balance to go for endowment for graduate fellowships exclusively—this designation being due, again, to the provision for endowment for the Graduate College made in the Wyman bequest.

Alumni of Trinity College, Hartford, Connecticut, have contributed \$223,471, or 44.1 per cent. of a half-million endowment fund for that college. Of the 875 alumni, 595, or 63 per cent., were contributors. The alumni, non-graduates, and holders of honorary degrees together gave \$289,883, or 57.2 per cent. Every class beginning with 1848 contributed, and in eleven classes every living member gave. Only six states of the Union fail to be represented in the subscriptions; these are Alabama, Arkansas, Delaware, Oklahoma, South Carolina, and Tennessee. Twelve states gave a total of not less than \$1,000. Connecticut leads with \$173,550, New York comes second with \$158,692; Pennsylvania with \$86,750 was third.

Coles memorial prize at Princeton has been awarded to Jesse Herrmann, a senior. This is a rather unusual contest. It was established by Dr. J. Ackerman Coles, '89, of Scotch Plains, N. J., who gave a fund for the purchase every four years of a bust of George Washington, to be cast in bronze at the Bartidienne Foundry in France, from the model made from life by Jean Antine Houdon in 1788. The value of the bust is \$160. Only members of the Clio-sophic Society are eligible for it, and a preliminary contest is held in that society, after which the successful candidates meet in public contest, and deliver orations of a patriotic nature. Dr. Coles's object in establishing the prize was obviously to conserve patriotism.

The Library of Princeton has received a gift of unusual interest from William S. Bacot, '81, through his brother, John V. Bacot. It consists of two autograph letters, one from Benjamin Franklin, dated at Passy, France, June 12, 1779, the other from John Quincy Adams, dated Ghent, July 18, 1814. Both relate to Charles B. Cochran, an ancestor

of Mr. Bacot, who, with Adams, Jesse Deane, and Benjamin Franklin Bache, was at school at Passy during the Revolutionary war.

The class of '79 at Princeton, which has given two tigers to take the place of the lions on the steps of Nassau Hall, announces that the lions will not be removed until after commencement, as their removal would interfere with the spring singing of the senior class. The lions were given by the class of '79 at graduation, thirty-one years ago. As they are now falling into decay, the class has decided to replace them with handsome bronze tigers, which are considered more appropriate for Princeton.

Subjects for the class of '83 essay prize in English literature, open to B. S. and Litt. B. juniors, are announced as follows: "John Morley's Literary Career", "The Life and Poetry of William Blake", "An Appreciation of Dr. Samuel Johnson", and "John Muir and Nature in California."

Mrs. Susan Look Avery of Louisville and Mrs. Hannah M. Bryan of Rochester have each contributed \$1,000 to the Susan B. Anthony fund, which is to be used in erecting a building on the campus for women students of Rochester University. Mrs. Henry G. Danforth, who has charge of the fund, reports that \$12,000 is now to the credit of the association.

Also, Alexander M. Hudnut, '81, Princeton, has presented to the Germanic Seminary a photographic reproduction of the Jena song manuscript. The original was prepared for one of the Thuringian princes, and is preserved in the library of the University of Jena. The reproduction consists of 256 separate quarto pages, printed on one side of extra heavy paper. Of this edition twenty copies were struck off, and there is at present only one other

copy in America, that in the Newberry Library of Chicago.

Abraham L. Doris, of Cornell, in the course of his memorial oration for the class of 1910 at Commencement said: "The class of 1910 feels proud that it has been able to complete the \$100,000 equipment fund for Alumni Field. The \$20,000 contribution by 1910 will be devoted to the erection of a part or all of a new training house to be known as the Memorial of 1910."

If Cornell graduates of earlier years did not stand as evidence to the contrary, one might think that the following utterance of the president of the graduating class of 1910 at that institution was a mere gush of commencement fervor. The substantial way in which Cornell graduates in the past have lived up to the better of the two descriptions here given, however, gives weight to President Pond's declaration in speaking to the text: "What are we going to do for our University when we get out into the world?" "You can do one of two things", he said. "You can have it said of you that you *were* a Cornell man or you can have it said of you that you *are* a Cornell man. The first mentioned is the one who, after graduating, is selfish, who proceeds to wrap up in himself, for himself, and by himself, and says, 'Well, Cornell got enough of my money when I was there.' But the second is a far different individual. Although with a small salary, he has subscribed his annual five dollars to the class memorial. This man knows the principal of the preparatory school in his home town and does his best to send to Ithaca good material for future Cornellians. This same man joins the Cornell alumni association of his town, and every time he gets a chance he comes back to Ithaca.

"So this is my prayer and appeal to

each one of you as I say goodbye: Take some little responsibility for this University. Take it and cherish it, ever keeping in mind the great cause for which you work, and there will come to you the fulfillment in a Cornell, that is even greater and nobler than the one we are now leaving."

The number of Cornell Alumni returning for commencement on June 22 was relatively large, much larger than last year. Commencement traditions were accordingly carried on with greater liveliness, both in the city and on the campus. Reunions and dinners were held by the classes of '75, '80, '85, '90, '95, 1900, and 1905. The earliest classes, of 1863 and 1870, were not represented.

The class of 1885, of City College, New York, which has just celebrated its twenty-fifth anniversary, has subscribed a fund for a gift to the college, which will probably take the form of a library for the French department. The Dante Alighieri Society has made a gift of books for prizes to members of the Italian course.

The trustees of Dartmouth College have announced a gift of \$50,000 for an administration building, by Mr. and Mrs. Lewis Parkhurst of Winchester, Mass. Mr. Parkhurst, a graduate in the class of 1878, is one of the trustees elected by the alumni. The gift is made in memory of his son, Wilder L. Parkhurst, '07, who died at the beginning of his sophomore year. The building will contain offices for all the administrative officers, and a large faculty room for formal meetings. In the basement there will be safe deposit vaults for records.

Horace Russell, '63, President of the Dartmouth Alumni Association, has made a conditional gift of \$10,000 toward an endowment fund to be used for the early increase of salaries of

full professors, provided that additional sums can be raised to make the amount \$100,000.

A third gift, amounting to \$30,000, comes from the late Mrs. Jane Eastman, in memory of her husband, Ira Allen Eastman, of the class of 1829, twenty-two years trustee of the college, and a justice of the Supreme Court of New Hampshire. In accepting this bequest the college agrees to appropriate funds amounting to an additional \$30,000 as rapidly as possible, and to apply this combined sum, \$60,000, to the establishment of the Ira Allen professorship of political science.

Alumni Memorial Hall at the University of Michigan, which was given to the University largely by the alumni and will form the headquarters and general offices of the Alumni Association, was dedicated on May 11. The building, which stands on the southwest corner of the campus, is built of light sandstone in the classical style, with two sets of massive columns supporting the portico. Following the dedicatory exercises, the building was thrown open and the public had an opportunity to see the art exhibit, which was installed under the direction of Charles L. Freer of Detroit.

Sins of omission may be as aggravated and actively blameworthy as those of commission. "It ought to be remembered", wrote a Yale committee recently, "that every year of delay or indifference is intensifying the dishonor we are showing to the memory of Nathan Hale, and making the consequent humiliation of our college a condition of which every honorable Yale man must sooner or later become heartily ashamed.

"We do not believe that with a full knowledge of all the facts, our fellow-alumni will be content to remand this

matter to the pitiful oblivion of side-track and silence. Our movement, begun in the autumn of 1898, was the first that ever stood squarely for justice to Nathan Hale. There is where we stand today. Is not our position worthy the right of way? Like other Yale enterprizes we deferred in 1901 to President Hadley's wish, and for four months left the field to the bicentennial fund. Resuming our labors in November of that year, we have never since suspended our fight for Hale.

"Our gift (a statue of Hale by Partidge, offered to Yale in 1908) is to be an offering by alumni to their alma mater. It will be paid for by the alumni and their friends. Not one dollar has been asked for or expected from the treasury of the University."

At the meeting of the Wellesley Alumnæ Association on June 22, Mrs. Emily Norcross Newton, '80, made a report in behalf of the Alumnæ General Endowment Fund Committee, giving the history of the fund which started in 1900 as an income fund, became library fund in 1905, and finally acquired its present name. The trustees have voted to turn over to this fund the residue of the Beebe estate, a gift which came through an alumna, Alice G. Beebe of 1890, making the total fund \$125,406. The election of Mrs. Helen Barrett Montgomery as alumna trustee for a period of six years was announced.

A committee will be appointed to consider the question of classes holding reunions, so that when the thirtieth reunion is reached four classes who were in the college at the same time shall hold reunions together. This plan will go into effect in 1915.

Gifts from various classes amounting to more than \$4,000 were announced, and it was voted that a committee

should be appointed to consider the question of establishing an alumnæ magazine.

The first year book of the Brown University Teachers' Association, published in June, contains the names and positions of all graduates who are teaching and others who are members of the association. The list included 789 names. There are, however, some 125 graduates who are teaching from whom no response as to location was received.

These figures show that fully 22 per cent. of the entire number of Brown graduates are at present or have been engaged in the teaching profession. Practically every state in the Union is represented on the list, and there are names of teachers who are located in Porto Rico, the Philippines, Germany, and Japan. Every field of educational endeavor, furthermore, has a representative among the list.

Prof. Walter Ballou Jacobs, secretary of the Teachers' Association, who has been chiefly instrumental in the compilation of the present list, says: "It is believed that the bringing together of this list will mean a general strengthening of the solidarity of our teaching alumni, and that it will be a means of greater mutual helpfulness."

In contrast to the alumni activities here mentioned, our own alumni association at the annual meeting spent most of the time of its discussions in criticizing the University officials for not having done more to recognize the work of its first two presidents. After considerable heated oratory two resolutions were passed, one directing the University to publish a memorial to former Regent S. H. Peabody and the other reaffirming a resolution passed perhaps ten years ago approving the erection

of some tribute to the memory of the first Regent of the University, Dr. John M. Gregory. There have been a number of feeling talks by alumni on these two worthy men during the last ten years, but no one has as yet come across with any money. If the alumni, more than others, realize the value of these men to the University, and regret that more recognition has not been given, why should not the alumni themselves do something substantial to vouch for the sincerity of their sentiments.

We might as well keep face to face with the fact, humiliating as it is, that so long as we must accept a thousand dollars a year from the University Trustees in order to run the Alumni Association and the *QUARTERLY* we are perhaps not in a position to revile anyone—except ourselves—for not giving concrete expression to our exuberant gratitude.

"Gratitude is a precious virtue", says the *Old Penn Weekly Review*, "and to neglect to express it in conduct reveals a mean and parsimonious nature. If there is any class in the world by whom it should be shown, it is the men who have received their education in the University, and during four years of life in the most significant and receptive

period have lived in its fine atmosphere and been nourished by the moral and intellectual elements offered them. Every graduate of the University is unfaithful to duty who, if unable to give personally to his Alma Mater, is not vigilant in endeavoring to add to her resources and power, by securing endowments from others."

Old Penn Weekly Review would perhaps admit that gratitude may be expressed in many other ways than the one on which it has placed emphasis.

The Associated Harvard Clubs at their meeting in Cleveland on June 10 and 11 were fortunate in having with them Governor A. E. Wilson, '69, of Kentucky, and Mr. Henry M. Rogers, '62, of Boston.

At the meeting of the Harvard Corporation on June 13 President Lowell presented a letter from E. H. Wells, '97, offering on behalf of a number of participants the sum of \$25,000 to endow a Fellowship in memory of the late William Bayard Cutting, '00, of New York. It was voted "that this memorial be gratefully accepted upon the terms stated in the letter of gift, and that the thanks of the President and Fellows be sent to each giver."

THE ALUMNI

ANNUAL ALUMNI MEETING

Despite the encouraging weather the registration of alumni at the alumni meeting in the building of the Young Men's Christian Association on Tuesday morning, June 14, was smaller than at last year's reunion. It looked as if last year's record-breaking crowd was to be surpassed, and at the annual dinner at noon there were over two hundred guests. Many of the old men are delaying their visit to the University until the Fall Home-Coming in October and to this may be due the smaller attendance at the June session.

President John E. Wright, '84, of St. Louis, called the meeting to order in the Y. M. C. A. Auditorium at 11 o'clock. His address is published in another part of the QUARTERLY. The class of 1910 was voted into membership without a dissenting voice, and the report of the Treasurer, R. W. Rutt, '03, was accepted.

T. A. Clark, '90, was continued on the executive committee and the report of the committee on University Trustees was unanimously adopted. The members of the committee were S. A. Bullard, of Springfield; Hon. H. M. Dunlap, of Savoy; Frank I. Mann, A. N. Abbott, and Peter Junkersfeld, of Chicago. For the Republican members of the board the names of W. L. Abbott, of Chicago; Otis Hoit, of Geneseo, and W. N. Butler, of Cairo, were presented, while the Democrats recommended were Capt. J. R. Trevett, of Champaign; E. C. Craig, of Mattoon, and John W. Eckhart, of Chicago.

Resolutions regarding the work and reward of Dr. J. M. Gregory, the first regent of the University, were adopted as follows:

"The University of Illinois owes

much to its first President, Dr. J. M. Gregory. Standing as we do, in the day of its magnitude, it is well for us to remember that his prophetic mind had the vision of what the next century would demand, and not only builded good foundations for the great structure which is our pride, but gave his strength and health without reserve to the pioneer labor of those early years.

"These things we do remember with love and gratitude. Therefore be it resolved; First, By the assembled alumni today, that the grave of Dr. Gregory be marked in some permanent manner, and to that end a committee be appointed to confer with the faculty and University authorities and thereafter proceed to start a subscription list,

Second, That we petition the Trustees of the University that the name of Gregory be given to some building of general use, such as the Library or prospective administration building or any other that the University trustees may consider most suitable, and that a bronze memorial tablet be placed therein."

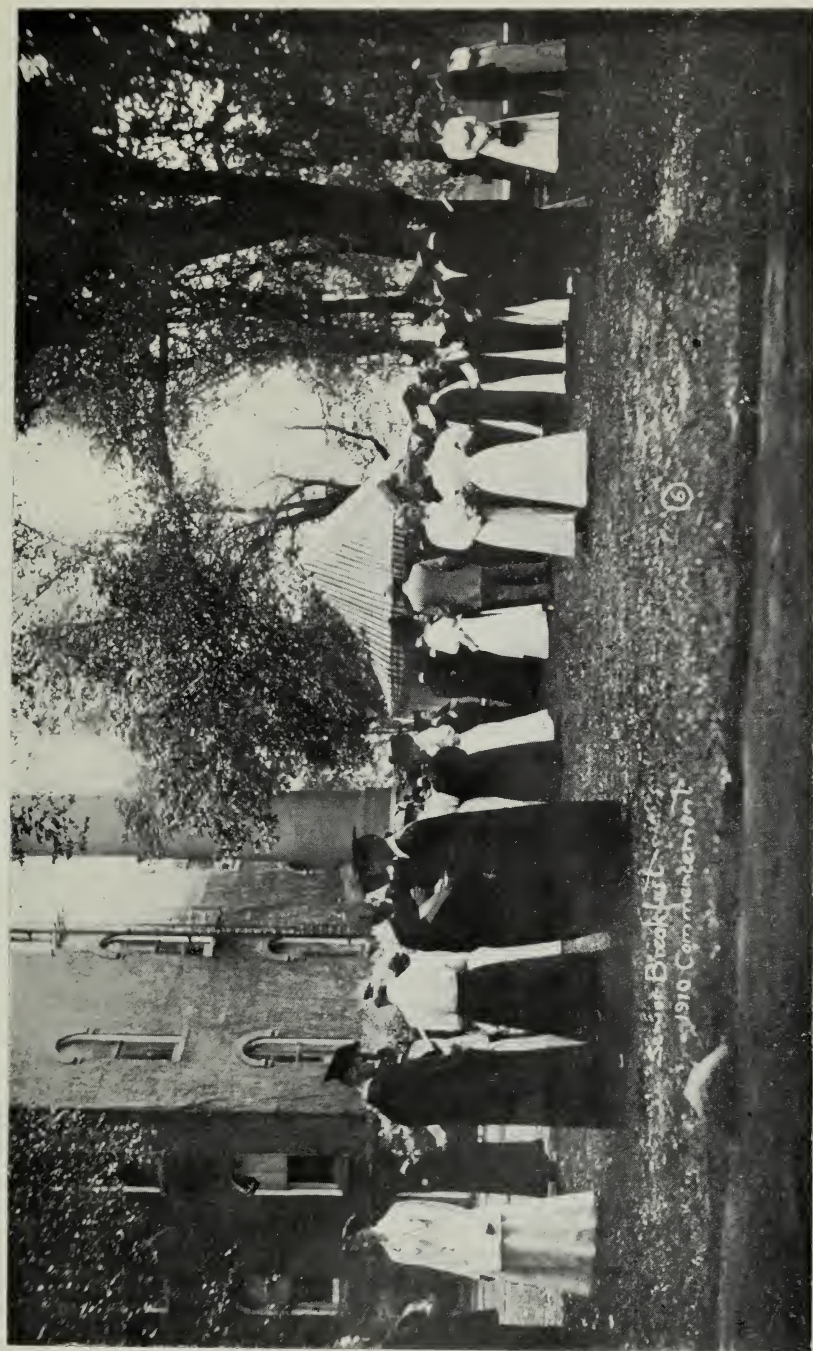
Officers elected for the ensuing year are as follows:

President—William David Pence, '86, Madison, Wisconsin.

Vice-President—Miss Minnie Jacques, '86, Urbana, Illinois.

Secretary-Treasurer—R. W. Rutt, '03.

Professor S. W. Parr, '84, secured the passage of a motion providing for the appointment of three alumni to take charge of the alumni end of the Home-Coming of October 14 and 15, and it was ruled that the University be asked to prepare and distribute to the alumni a biographical sketch of Dr. H. S. Peabody, the second regent of the University.



Senior Breakfast
1910 Commencement

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

MANY CLASSES REPRESENTED

All but two of the thirty-eight classes that have been graduated from the University had representatives at the meeting. The earlier classes had one or two members while those of the past ten years were represented by as many as a dozen. The two years that were left vacant were those of '87 and '98. The honor class of '85 had twelve members at the meeting.

ANNUAL TREASURER'S REPORT

Receipts

Balance, June 15, 1909	\$ 474.86
Alumni luncheon, 1909	155.00
Advertising	183.97
Subscriptions	1035.00
University of Illinois	1000.00

Total\$2848.83

Expenditures

Printing and Cuts	\$1530.20
Alumni Luncheon	110.00
Editor's and Manager's Com-	
mission	275.00
Stationery	43.50
Postage	172.33
Clerical Hire	259.25

Balance June 1, 1910\$ 458.55

Members June 1, 1910.....1200

ALUMNI DINNER

After the adjournment of the business session the alumni went over to the Woman's Building, where two hundred of them partook of a really satisfactory and well served luncheon. Members of the various classes occupied seats together. The following speakers appeared on the program: John E. Wright, '85, Will H. Stockham, '85, Mrs. Plank Thompson, '85, T. E. Schlader, '85, Mrs. John M. Gregory, W. E. Ekblaw, '10, and President E. J. James. A delightful surprise of the

program was the reading of an original poem, "Illinois", by Mrs. Emma Jones Spence, '85.

'85 CLASS REUNION

One of the most interesting happenings of Commencement Week was the alumni dinner and reunion of the class of '85. The function was attended by sixteen members of the class, and was held at the new Sigma Chi house on Tuesday evening, June 14. The members of the honor class enjoyed themselves thoroughly in exchanging reminiscences, and heard their praise sung in an original poem from the pen of Mrs. Emma Jones Spence. The selection is entitled "An Ode to the Class of '85", and was read by Mrs. Bessie Plank Thompson. The spirit of the piece is well illustrated by the verse

We are all young again as this happy refrain

Sing we now of the years twenty-five
Though we smile through some tears
and the snows of the years
Are now whit'ning some locks. "Eighty-five."

At the close of the evening the whole company attended the President's reception at the Auditorium.

OTHER REUNIONS

The quinquennial reunions of the classes of '75, '80, '85, '90, '95, '00, and '05 were held on Tuesday. All the meetings were attended by a fairly good representation of the graduates.

ILLINI CLUB OF CHICAGO

Inclement weather curtailed the program scheduled for the third regular meeting of the Chicago Illini Club on April 21. The program called for a ball game, dinner, and dance with the alumni organization of Dartmouth College, but owing to the rain the ball

game was postponed till later in the season. Only a few of the faithful were present, yet they proceeded to carry out the evening's schedule with success.

Summer meetings of the club will consist of outings with the alumni of various colleges. The Wisconsin organization, looking for revenge for the beating they received in baseball last fall, have asked for two dates. The Thursday luncheons of the club will hereafter be held in the Dungeon Room of the Wellington Hotel, instead of at the Boston Oyster House. Out-of-town alumni are urged to bear this place in mind and drop in for lunch when in the city on Thursday.

FALL HOME-COMING ASSURED

Systematic agitation for a Fall Home-Coming for Illinois alumni bore fruit in May when the University Council did more than that and granted the petition of Phoenix and Shield and Trident, the senior honorary societies, asking for a half holiday on Friday, October 14, on which to receive and entertain the visitors. There now remains only a large attendance of "old grads" to make the affair a success and to demonstrate to the authorities the advisability of making the Home-Coming an annual affair.

Practically every alumnus is heartily in favor of the Home-Coming, and many of the alumni organizations took official action endorsing the action of Phoenix and Shield and Trident in crystallizing the sentiment in favor of the movement. The Chicago Illini Club has already agreed to have more Chicago alumni in Champaign and Urbana next fall that have ever been there before at one time; the senior societies and the Illinois Student Union have appointed committees to take charge of the week's entertainment, and the general spirit of earnestness and enthusi-

asm with which everyone is planning for the occasion augurs well for its success.

The attitude of the undergraduates toward the Home-Coming is illustrated in the welcome to the alumni by the Student Union through its president, Bryant Bannister, who also enumerates some of the attractions with which the alumni will be entertained. Mr. Bannister says:

"The Fall Home-Coming is the one feature of the college year that is expressly for our alumni. At this time the Campus buildings, college spirit, and in fact everything, will be employed for the purpose of making the old Illinois man feel that he does not belong to a forgotten generation.

"On Friday afternoon, October 14, will take place the first annual soccer game between Illinois and Chicago. Following the soccer game will be held the annual class scrap between the sophomores and the freshmen which will, as in the past two years, take the form of a pushball contest. This contest will be held on Illinois Field under the supervision of the Student Union. As yet no program has been arranged for Friday evening, and the time will perhaps be left free from any definite engagements.

"On Saturday afternoon the annual football game between Illinois and Chicago will be staged on Illinois Field. Illinois has fourteen 'I' men back this year and expects to win from Coach Stagg's eleven, thus establishing a precedent which every one hopes will develop into a tradition. Saturday evening the real purpose of the Home-Coming will be made possible in a large way. The second annual Illinois Union banquet will be held either in the Armory or in some hall where greater seating capacity may be had. Rousing talks, reminiscences of old Illinois days and

good fellowship will furnish the general program of the evening. At this time the old men will be given an opportunity to aid substantially in making a Union Building possible.

"The whole purpose of the Home-Coming is to get together the old alumni, the new alumni, and the undergraduates, in one good session of fellowship, and to propagate that inner respect and loyalty which every Illinois man feels toward every other Illinois man and towards his alma mater. With this kind of spirit the slogan of the Union will be brought much nearer consummation.

"The Union of Hearts
The Union of Hands
The Union of Illinois Men Forever."

NEW YORK ALUMNI AFFAIRS

The seventh annual dinner of the New York Alumni Association of the University of Illinois was held at the Ansonia Hotel, Broadway and Seventy-third street, on the evening of April 23rd. The banqueting room was daintily decorated with flowers and festoons of orange and blue bunting. Those present grouped themselves around a number of small tables and a jolly good time was enjoyed by all. Those present were T. H. Amrine, '07, Mr. and Mrs. Ailsworth, guests of D. H. Chester; Charles G. Armstrong, the president; Miss Florence Armstrong, Mr. and Mrs. Barackman, Mr. and Mrs. D. H. Chester, D. B. Carse, ex-president; E. I. Cantine, A. F. Comstock, Mr. and Mrs. C. L. Crabbs, Torris Eide, Otto E. Goldschmidt, P. J. Freeman, '07, S. H. Grafton, '07, Mr. and Mrs. V. M. Holder, '07, J. A. Kinkead, Mr. and Mrs. H. M. Lyman of Philadelphia, J. H. Meneely, Mr. and Mrs. E. J. Mehren, N. R. Porterfield, Mr. and Mrs. Grant W. Spear, 87, Frank W. Scott, '01, Mr.

and Mrs. W. H. Rothgeb, '05, C. P. Turner, '04, and G. J. Ray, '96.

The following officers were elected for the ensuing year: Edward J. Mehren, '06, President; Wade H. Rothgeb, '05, Vice-President; Charles T. Greene, '01, Secretary and Treasurer.

The first monthly dinner given by the association under the auspices of the new administration was held on the evening of May 23rd at Ferard's in Lexington avenue. Ferard's is a quaint Armenian eating place which was discovered for the association by the retiring president, C. G. Armstrong. The corpulent proprietor of the place spread a sumptuous table for the association members in a private dining room and those who attended enjoyed ripe olives, Turkish coffee, and a pudding with an unpronounceable name as well as a quantity of commonplace food. Those present were Torris Eide, E. D. Stearns, G. B. Barackman, W. E. Brown, N. R. Porterfield, D. H. Chester, Charles G. Armstrong, S. F. Holtzman, Dr. J. Allen Patton of Newark, C. E. Ramser, J. H. Meneely, C. R. Dewey, Carl Ten Broeck, D. L. Wetherhead, G. W. Spear, J. A. Kinkead, W. H. Rothgeb, O. P. Turner, O. M. Holder, R. H. Dillon, Harvey C. Wood, Frank W. Scott, E. J. Mehren, and C. T. Greene.

At this meeting the new officers outlined a new policy for the ensuing year. It was decided to hold weekly sessions of the association at Dewey's restaurant and wine house, 138 Fulton street, every Monday at half past twelve o'clock in the afternoon. At the present writing three such reunions have been held, the aggregate attendance at which has exceeded thirty.

The "bunch" may be found at Dewey's restaurant, on Fulton street, just off Broadway, any Monday, from 12:30 until 1:30. If there are in New York any

Illinois men who have not heard of this scheme, and can without too much inconvenience eat luncheon on Mondays in lower Manhattan, they are invited and urged to attend. Go back to the far corner and look for "Uncle Charlie" Armstrong, Mehren, Kinkead, and a dozen others. They'll be there. The plan has started off well, and will probably render the monthly dinners unnecessary.

In place of the latter it is proposed to arrange for one or two smokers and one or two entertainments to which alumnae and their husbands, and the wives, sweethearts, sisters, mothers and any other parcels of femininity in which the alumni are interested will be invited.

Circulars are now being sent out to the New York alumni calling attention to these proposals and also urging upon them the necessity of attending an old fashioned clambake to be held on the evening of July 25th upon the shores of Coney Island. We expect a large turnout at the clambake which will be prepared and served by Feltman, the celebrated restaurateur and clam-digger of the Island. All visiting alumni are invited to join with their metropolitan brethren in paying homage to the succulent bi-valve.

LIBRARY SCHOOL ASSOCIATION

The annual meeting of this alumni association was held at the Grand Hotel, Mackinac Island, on July 4, 1910, in conjunction with the annual conference of the American Library Association. The attendance was large, fifty-two former students having registered, six being from the decennial class of 1900. The report of the President, F. K. W. Drury, '05, had already been sent to the alumni as a circular letter. In this was emphasized the alumni lectureship, given during the year by Miss Margaret Mann,

'96; the new quarters of the school; the revised curriculum; and the raised entrance requirements. Several resolutions looking toward the betterment of the school were introduced and referred to the new executive board for consideration and transmission. A telegram of greeting to Miss Katharine L. Sharp, Director of the School during its first fourteen years, was authorized. Officers for the year 1910-11 were elected as follows:

President, Blanche Seeley, Librarian, Pillsbury Branch, Minneapolis Public Library; First Vice-President, Minnie E. Sears, Catalog Assistant, Minneapolis Public Library; Second Vice-President, John S. Cleavinger, Librarian, Jackson, Michigan; secretary-Treasurer, Clara L. Gridley, Binding Librarian, University of Illinois Library, Urbana. It will be noted that the new officers represent the states of Minnesota and Michigan save the Secretary, who is located at the School in order to have access to the records and mailing list.

After the annual dinner toasts were given by representatives of the classes of '95, '00, '05, and '10. Mr. Windsor, the new Director was present and gave an informal talk on the new curriculum, the distribution of the alumni throughout the United States, and other items. Illinois songs were sung, Illinois banners and ribbons were waved, and Illinois loyalty and spirit were manifest on every hand, marking this as a banner meeting and the opening of a new era for the school and its alumni.

ILLINOIS ALUMNAE ASSOCIATION

The Illinois Alumnae Association of Chicago has found the informal noon lunch a very pleasant and convenient way of meeting to keep in touch with the University, and to renew old friendships. Eight lunches, and one seven o'clock dinner were enjoyed during the

year,—the first three in Field's Tea Room, the remainder in the rooms of the Chicago College Club in the Fine Arts Building. The latter place has proved very satisfactory and appropriate, and will probably be the home of the Association during the coming year. The dinner was given June 3, as the last meeting of the year, and each member had the privilege of inviting a guest. The result was a pleasant, informal social evening. A number of husbands, brothers, and other guests were present. Copies of College Songs were passed around, and all joined heartily in singing them, led by Miss Wilson, '08; and though only the younger members could sing Illinois Loyalty with confidence and dash, getting all the words in their proper measure, and the "che che ha's" and "oski wow wow's" accentuated correctly; when we sang Learning and Labor the tables were turned and McKay, Armstrong, Miss Heath, and all the old-timers took the lead and showed the youngsters that the old songs could still express some college spirit; but all could join in the Auld Lang Syne; and in parting there were many expressions of pleasure and hope for the continued growth of the organization.

LORETTA ELDER ROBINSON.

MILWAUKEE ASSOCIATION

As to the Milwaukee Association—two meetings have been held since the last issue of the QUARTERLY. The first was on March 26th, and it took place in the regular dining room of the University Club.

After the informal dinner the needs of the Association were discussed, resulting in the fixing of the annual dues in the society at \$1.00, which was to cover only postage, stationery, and incidental expenses the cost of dinners and extras to be borne by those present at any meeting. J. H. Marshutz, '08,

law, and R. J. Stewart, '04, *me*, were appointed a committee to prepare a constitution. It was voted to instruct the president, G. R. Radley, *ee*, '00, and secretary, W. M. Mansfield, *me*, '09, to request the University to send Dean Clark to address the Association, and to especially invite the graduates of the affiliated institutions in Chicago, now living in Milwaukee, to be present on that occasion, and to join our Association.

Thanks to the kindness of President James, and the good nature of Dean Clark, the latter was present at our meeting on May 28, and talked upon "College Loyalty" in a manner that certainly touched the nobler strings of the heart. That his thought made an impression was abundantly shown in the informal responses unexpectedly called for by Mr. Radley, as toastmaster.

Fourteen Alumni were present at the meeting, and our only regret is that more could not have received the benefit of Dean Clark's effort.

Invitations had been issued to a list of about thirty P. & S. and ten Pharmacy graduates known to be located in the city, and abundant notices appeared in all the local papers in the endeavor to reach the Dental graduates, no list of which could be obtained from Chicago. But not a single doctor or druggist was present, presumably because of business engagements.

We intend, however, holding meetings regularly the last Saturday of each month, and hope that Illini everywhere may know this fact, and whenever they come to Milwaukee will look up the president, or some member, and attend, if possible.

G. R. RADLEY,
President.

PEORIA ALUMNI

The University of Illinois Club of Peoria met about three months ago and

elected officers for the ensuing year as follows: Albert Triebel, '05, President; Laurence Larson, '04, Secretary.

On the first Tuesday of each month the Club meets at noon luncheon at Ryal's restaurant. Any Illinois man who happens to be in Peoria will be welcomed at these luncheons.

ILLINI AT ATLANTIC CITY

On Saturday, June 18th, in connection with the Master Car Builders' and Master Mechanics' Convention at Atlantic City, the most enjoyable reunion of the Illinois graduates took place at the Shelburne Cafe. Representatives of classes from 1887 to 1904 were there and their reminiscences contributed to make a most enjoyable evening. After the dinner the whole company spent the rest of the evening at the Apollo Theatre. Those present were:

G. W. Spear, Dearborn Drug and Chemical Company; C. B. Young, M.E., C. B. & Q. Railroad; J. A. Kinkead, Parkersburg Iron Company; J. A. McRae, M.E., Michigan Central Railroad; Arthur Brown, Westinghouse, Church, Kerr & Company; J. W. Bunn, John A. Roebling & Sons; George Carr, Dearborn Drug and Chemical Company; Edward C. Schmidt, University of Illinois; E. W. Webb, Standard Car Truck Company; P. G. Stevens, Railway and Engineering Review.

While there have been for years numerous University of Illinois men among the convention delegates, this is the first time they have thus come together; and at the end of the evening it was agreed that so pleasant and memorable an occasion ought to become a permanent feature of convention week, and plans were accordingly made to bring out a larger attendance next year. Among the Illinois men at the convention, who were unable to attend the dinner, are F. H. Clark, G. S. M. P.,

C. B. & Q.; F. M. Gilbert, M. E., N. Y. C. & H. R.; and W. C. Bradbury, O. M. Edwards Company.

Any Illini at the convention, who have not already done so, should register at the booth of the Dearborn Drug and Chemical Company, in order that he may be notified of next year's dinner.

GOLDEN GATE ALUMNI ASSOCIATION

The 6th meeting of the Golden Gate Alumni Association of the University of Illinois was held at the home of Mr. and Mrs. J. O. Davis at 2644 Dwight Way, Berkeley, on Wednesday evening, May 18th, 1910.

The meeting had been arranged at this time on account of the jubilee celebration of the University of California: the idea being that several of the members from out of town might find it possible to attend. This arrangement proved rather unfortunate as several of our members were forced to be away on matters connected with the University affair.

Several items of business came up for discussion and the constitution was amended with regard to the dues, these being reduced to 50 cents yearly. On motion of Prof. Woodworth, Hon. Chester A. Rowell of Fresno was elected an honorary member. Mr. Rowell was at one time a member of the faculty of the University of Illinois, and one of the organizers of the Lincoln-Roosevelt League.

Miss Trimble extended an invitation to picnic with her the third Saturday in August on the Mills College campus. This idea seemed very attractive, and her kind invitation was accepted.

The following were present:

Miss Stella Bennett, Mr. F. M. Bumstead, Mr. A. P. Bumstead, Miss Chamberlain, Mr. and Mrs. J. O. Davis, Miss Cora Hill, Mrs. H. A. Hopper, Mr. and Mrs. W. T. Horne, Miss

Johnson, Miss Trimble, Mr. C. M. Tait, Mr. Herbert Turner, Prof. Woodworth, R. C. Woodmansee, Secretary.

SOUTHWESTERN ASSOCIATION

On May 23d the Southwestern Alumni Association had a luncheon at the Coates House, Kansas City, Missouri, to entertain Dr. W. L. Williams, ex-'78, Professor of Surgery and Obstetrics of the New York State Veterinary College, Cornell University. Dr. Williams has been on a leave of absence from Cornell for the past year for the purpose of investigating in Europe and in the United States the subject of abortion and sterility of cows. This subject is of great economic importance and extensive investigation thereon is being made by the New York Veterinary College and the Federal Government jointly. Dr. Williams has recently published a book of more than 1100 pages on "Veterinary Obstetrics, Including the Diseases of Breeding Animals and of the Newborn." Nineteen Illinois men were present at this lunch, and a pleasant time was had by all of those in attendance.

On June 23d, a lunch was also given at the Coates House to entertain Mr. Francis J. Plym, '97, of Niles, Michigan. Mr. Plym is president of the Kawneer Mfg. Co. He has invented and his Company manufactures a number of building articles, principal among which is a window front or device for holding plate glass windows in place. This article is being sold all over the United States.

SOUTHERN CALIFORNIA ASSOCIATION

The Southern California Association has had but one meeting since March 11, and that was in the form of an outing picnic. Saturday, June 4, the members, and their friends, held the first outing picnic of the season in Rubio

Canyon, at the foot of Mt. Lowe, near Pasadena. It was an informal affair, and a basket dinner was spread at five o'clock p. m., participated in by those present. The membership is being increased by students coming in from all parts of the country to the land of the setting sun.

To the Alumnae Association of the University of Illinois:

The Los Angeles branch of the Association of Collegiate Alumnae extends a welcome to the alumnae of the University of Illinois that may at any time visit Los Angeles. The meetings are held the second Saturday in October, November, January, March, and May.

ETHEL B. MAGEE,
Secretary-Treasurer.

ILLINOIS ASSOCIATION AT TACOMA

The Illinois Association of the City of Tacoma takes pleasure in extending a cordial invitation to Illinoisans to be present at the Military Tournament to be held July 24-30, at the High School Stadium, Tacoma, Washington. Those desiring hotel reservations please notify J. H. Gordon, Provident Building, Tacoma.

SPRINGFIELD ASSOCIATION

The alumni in and about Springfield have recently organized a University of Illinois Club with officers as follows: S. A. Bullard, President; W. Edgar Sampson, Vice-President; Walter E. Child, Secretary; O. J. Putting, Treasurer. The prospects are that this will be one of the live associations of the State.

ST. LOUIS ASSOCIATION

The St. Louis Association has invitations out for a dinner to be served in the Suburban Gardens on July 30. It is the intention of the Club to secure Mr. George Huff to speak before the Alumni at this time.

OBITUARY

Walter Millard Haskell, '10, was drowned at Sterling, Illinois, on Saturday, June 25. According to the newspaper account he was managing a sailing boat which capsized, and in attempting to save the life of the young man with him they both went down. Mr. Haskell was born February 1, 1890, and entered the course in mechanical engineering at the University in the fall of 1906. He was a high class student, a member of the Tau Beta Pi, and gave indications of a brilliant career.

NEWS OF THE CLASSES

When you have a new address, position, wife, or child, notify the editor. Announcements sent to friends or acquaintances may reach the QUARTERLY, but probably will not. Mail your information direct, unless your class has a secretary; in any case please make sure that the QUARTERLY is kept in touch with you.

1872

C. W. Rolfe, 601 East John street, Champaign, Illinois, Secretary

Nathan Clifford Ricker, *arch*, has resigned his position as head of the Architectural Department, an office which he has held for nearly forty years. He will continue as professor of architecture.

1873

Fred L. Hatch, Spring Grove, Illinois, Secretary

Charles P. Graham is living at New Salem, Illinois.

Fred L. Hatch agrees that later he will hustle for news of members of his class.

1874

Mrs. Alice Cheever Bryan, Champaign, Illinois, Secretary

William H. Hartshorn, ex-'74, now lives near Imperial, Texas.

An article by Professor I. O. Baker, *ce*, has been recently published in pamphlet form by the German-American Portland Cement Works, Chicago, and is being widely distributed by them.

E. L. Drury sends greetings to classmates and all University friends. He would have enjoyed so much being present at the Commencement of 1910. He is a sufferer from locomotor ataxia and cannot hold a pen to write. He has lived at Chamberlain, South Dakota since 1881. He was elected superintendent of schools at that time and afterward county judge, which office he holds at the present time. He has a son and daughter, and the daughter graduated from high school this June.

1875

George R. Shawhan, 606 Daniel street, Champaign, Illinois, Secretary.

Margaret Stewart (Robbins), may be addressed at 911 Potter Park avenue, Los Angeles, California.

Mary C. Ricker has been in very ill health for the past few months.

1876

Fred I. Mann, Gilman, Illinois, Secretary

A communication from Fred L. Wood informs the QUARTERLY that he received a complete and absolute pardon from the Governor of California on May 31. Mr. Wood was sentenced to the state prison at San Quentin, California, twenty-five years ago as a result of circumstantial evidence and was paroled recently. The pardon is a tribute to him throughout and completely restores him to citizenship.

Ralph Allen, Jr., is now a sophomore in the University.

Charles Weston was initiated into Phi Beta Kappa at Commencement time.

1877

T. S. Abbott will have a son and a daughter in next year's graduating class.

1878

E. M. Burr, Champaign, Illinois, Secretary.

E. J. Baker, *ag*, who moved from Savoy, Illinois, to Venice, California,

on account of ill health, is reported as having recovered from the trouble which threatened his life.

The address of Jean Mahan (Plank), is Care Bureau of University Travel, Trinity Place, Boston, Massachusetts.

Manford Savage recently submitted to an operation for appendicitis, and at present is confined to a hospital in Chicago where he is making a satisfactory recovery.

1879

Judge W. N. Butler, Cairo, Illinois, Secretary

1880

C. J. Bills, Lincoln, Nebraska, Secretary

Chas. W. Groves is living in Champaign.

1881

Mrs. Virginia Hammet Talbot, Urbana, Illinois
Secretary

Seven members of the class visited the University at Commencement time.

A. O. Coddington, *la*, is a candidate for county superintendent of schools of Cook county, Illinois.

J. C. Dressor is assistant cashier of Hoiles & Sons' State Bank, Greenville, Illinois.

The last known address of F. L. Hill was Mountainair, New Mexico.

Arthur N. Talbot, *ce*, was elected president of the Society for the Promotion of Engineering Education at the 18th annual meeting of the society.

At a dinner given by Professor Baker on the occasion of the completion by A. N. Talbot of twenty-five years of service for the University of Illinois the terms of service of those present averaged 22.3 years.

1882

N. S. Spencer, 112 East Green street, Champaign
Illinois, Secretary

W. T. Eaton, ex-'82, has recently been appointed Chief Engineer of the St.

Louis Southwestern Railway Company of Texas, with headquarters at Tyler, Texas.

Frank B. Maltby, *ce*, has resigned as chief engineer of Dodge and Day to become associated with James Stewart & Company, one of the largest contractors in the country. His address is 30 Church street, New York.

1883

Judson F. Going, 221 Fremont street, Chicago-
Secretary

J. R. Weis *chem*, is now president of The Perfect Safety Paper Company of Holyoke, Massachusetts.

The residence address of William A. Heath, *la*, is 4514 Greenwood avenue, Chicago, Illinois.

G. C. Hewes, *chem*, writes from the M. E. Mission, Sitapur, Oudh, India, that he expects to come home either in 1911 or 1912, and will visit the University at that time.

C A. Alling, ex-'83, is general manager of Darling & Company, Chicago, Illinois.

1884

Miss Keturah Sim, 605 west Green street, Ur-
bana, Illinois, Secretary.

1885

Mrs. Bessie Plank Thompson, Winamac, Indiana
Secretary.

A. N. Abbott's daughter Frances graduated from the University this year. She will be an assistant in the department of agronomy for the coming year.

Mrs. Abbie Weston (Swern) has a son who has finished his junior year in the University.

Miss Lottie Switzer has a phenomenal record as principal of the Champaign High School, having retained the same position for more than twenty years.

John A. Miller is still chemist to the

State of New York, with a fine home at Buffalo. He has a son of seventeen, and a daughter fifteen years old.

The wife of T. H. Schlader died last year.

Mrs. Bessie Plank (Thompson) and Miss Susan Thompson, '97, will spend the summer abroad.

The address of W. F. Kendall is Box 645, Austin, Texas.

Mrs. Emma Spence writes from Redlands, California, that she is very well satisfied with the location. She has a little girl seven years old, and has grown so stout that she thinks her friends would not know her.

Mrs. J. W. Schenker lives at Vandalia, Illinois. She has been very ill for some time, but is now recovering.

1886

S. F. Bullard, Tacoma, 3001 north 29th street, Washington, Secretary

John C. Cromwell, *me*, received the degree of C.E. at the recent Commencement.

Minnie Jacques, *la*, was elected vice-president of the Alumni Association, and will in all probability have local charge of the reunion of the class of '86 next year.

C. G. Lumley, *la*, will have two sons in the University next year.

W. D. Pence, *ce*, was elected president of the Alumni Association at the June meeting.

Luther Thompson, *ce*, is conducting a number of modern experiments in agriculture on his farm at Winamac, Indiana.

1887

Mrs. Angie Gayman Weston, 601 East Daniel street, Champaign, Illinois, Secretary

The address of Nettie Elder Harris is Palacios, Texas.

The address of Henry M. Lyman, *me*, is changed from 1120 Pennsylvania

Building, to 704 north 40th street, Philadelphia, Pennsylvania.

Grant Gregory, *la*, is living at 2021 81st street, Brooklyn, New York.

Walter R. Mitchell, *me*, is treasurer and director of the Niles Heater and Manufacturing Company of Chicago.

Oliver Connet, ex-'87, is division engineer for the Baltimore Sewerage Commission. Baltimore is putting in a new complete system of sewage. His address is 25 North avenue, Baltimore, Maryland.

1888

Miss Mary C. McLellan, 706 West Park street, Champaign, Illinois, Secretary

Dr. J. A. Patton, *chem*, is now assistant medical director of the Prudential Insurance Company. His address is 161 Valley Road, Montclair, New Jersey. He says his son is just finishing his first year in the high school, and that it is the intention to send him to the University when he graduates.

J. V. Schaefer, *me*, of Birmingham, Alabama, made a flying visit to Champaign recently on his way to Chicago. He is president of the Schaefer Manufacturing Company at Birmingham.

Nellie A. Bennett, ex-'88, is a stenographer at Worcester, Massachusetts, where she has been living for a number of years. Her address is 20 Channing street, Worcester, Massachusetts.

E. W. Pickard, *la*, paid a hurried visit to the scenes of his Alma Mater in May.

Etta Beach (Wright), of St. Louis, Missouri, Lizzie Wright (Canady), '85, of Chicago, and Miss Amy Coffeen, '89, Champaign, were entertained at tea at the home of the secretary Commencement evening and spent the time in pleasant reminiscence of absent friends and classmates.

Nellie McLean (Lumley) *la*, has returned to her home in Chicago after a

visit to Washington, D. C. She made a short stop in Pittsburg to visit our classmate, Nellie W. Jillson, who is still teaching there.

Effie Mathews (Enlows) had intended to be with her old friends and classmates at Commencement but was prevented by other duties. She was elected president of the Woman's Club of Mason City, a short time ago. Her son, Ian Mathers, was graduated from the eighth grade in June. She sends greetings and kindest regards to all her classmates.

Mrs John E. Wright (Etta Beach), accompanied Mr. Wright, '85, to Commencement and divided her affections between the classes of '85 and '88. The Wrights have recently bought a fine home in Webster Park and are enjoying life in the suburbs. Mrs. Wright's address is now 215 Rosemont avenue, Webster Park, Webster Groves, Missouri.

1889

Miss Amy Coffeen, Champaign, Illinois, Secretary

N. A. Weston, *la*, will spend the year on leave of absence in Germany. Mrs. Weston and the family will remain in the home in Champaign.

R. H. Morse is spending the summer at his old home at Gifford, Illinois.

Cleaves Bennett expects to move soon to Colorado to take up the practice of medicine.

F. M. Bennett recently conducted a series of meetings at the University Unitarian Church.

William E. Niles, ex-'89, is president of the Niles Heater and Manufacturing Company, manufacturers of electrical heating apparatus to increase the flow of oil wells, with offices at 122 Monroe street, Chicago.

Blanche A. Church, teacher of modern languages in the High School at Grand Rapids, Michigan, sailed June 21st on the "Noordam", Holland-Amer-

ican line expecting to spend six months in Paris.

1890

Thomas Arkle Clark, Urbana, Illinois, Secretary

Charles H. Shamel, *chem*, who is practicing law at Seattle, Washington, this year delivered the annual course of lectures to the senior law class and the mining students of the University of Washington at Seattle. He is the author of "Mining, Mineral and Geological Law", published by the McGraw-Hill Publishing Company, New York City.

Thomas Stallings, ex-'90, is now practicing law at Granite City, Illinois. He has a son in the freshman class of the University.

Mail addressed to J. F. Clarkson at 4823 Calumet avenue, Chicago, Illinois, does not reach him.

H. W. McCandless and Mrs. McCandless attended the recent Commencement exercises. It is the first time that he has been on the campus since his graduation.

Mail addressed to Fred W. Stephens at 236 south "C" street, Tacoma, Washington, is returned as uncalled for.

1891

C. A. Shamel, Editor *Orange Judd Farmer*, Chicago, Illinois, Secretary

August Maue, *la*, is principal of a ward school in Joliet. He is filling his place in the community, and finds more work than he can do. He hasn't changed since he left school in '91, and says he feels much younger.

Nellie M. Darby, *la*, is now living at Orntonville, Minnesota, and is a teacher in high school there. She is so exceedingly modest that, up to date, it has been almost impossible to get anything concerning her career since graduating. It seems, however, that she has been doing well. She taught school in Champaign county in 1891-92,

was principal of the Normal department at Platte Collegiate Institute at Kearney, Nebraska, in 1892-94, she also taught in North Platte, Nebraska, in 1894-95, at the high school at Dillon, Montana, 1895-96, was principal of the high school at Moscow, Idaho, 1896-1900, taught in high school at Prescott, Arizona, 1900-01, was assistant superintendent of schools at Hedrick, Iowa, 1902-1905, and principal of the high school at Ortonville, Minnesota, from 1905 until 1910. This certainly shows a wide experience and long activity. In addition to these positions she was first vice president of the Inland Empire Teachers' Association of Washington, Oregon, and Idaho in 1898-99. Her present address is Ortonville, where she will probably reside for some time. She modestly disclaims having done very much, and regrets that she is so far removed from the University that it may be difficult for her to attend the Reunion next June. She will try to come, and in the meantime sends regards and greetings to the class of '91.

Glenn M. Hobbs, *la*, has been attending strictly to business, playing tennis occasionally and golf frequently. He has been about very little, and has not seen very many U. of I. graduates. He further states that when he goes to his home and sees a strapping youth now attending Illinois who was a baby in arms when he graduated, it causes him to realize that the '91ers are among the old graduates. He expresses the hope that we have just as warm a spot in our hearts for Illinois as ever, and that every member of the class will be flocking back to the Reunion in 1911.

F. O. Smolt, *chem*, who has been with the American-Mexican Mining and Developing Company at Valardana, Mexico, was in the United States during April to attend the Federal Court. He is considerably heavier than he used

to be. He has had a lot of experience in the mining regions of the United States and Mexico, and now has charge of this company. He hopes to attend the Reunion of 1911, but of course is a long way from home.

Isabel Jones, *nh*, is going abroad next year, and will not be back for the reunion. This is a source of regret to the members of the class, because Isabel is a live wire, and things are always doing when she is around.

Alice Broadus (Clark), *nh*, is the only member of the class of '91 who attended the Alumni dinner this year. She says she felt rather lonesome, but was cheered by the thought that more would be present next year.

John H. Powell, *ce*, visited the University this spring, and says he will surely be present at the class Reunion with his wife and son. He is still living in Kansas City, where he is engaged in the real estate business.

J. N. Chester, *ce*, has engaged passage on the "Celtic" and will sail with the mechanical engineers for Liverpool on July 16. He will, however, spend the major portion of the time on the Continent and see the Passion Play. He says he recently saw Frank Gardner and gave him a good natured roasting after which Frank promised to attend the Reunion next year. J. N. rather deplores the lack of interest on the part of graduates of Illinois, and states that this is very marked among graduates of eastern institutions. It is to be hoped that after the Reunion of 1911, he will have no further cause for complaint.

A. E. Harvey, *ce*, says that nothing interesting has happened since he last wrote. He recently met L. W. Peabody on the street in Fort Smith, Arkansas, and he looks just the same as he did in college days. He is working for the oil well octopus, and can be

reached by writing in care of the Walters-Pierce Oil Company of Springfield, Missouri.

The Shamel prize offered by C. A. Shamel, *ag*, for the best paper on an agricultural subject, has been awarded to Frank Chase, a sophomore in the College of Agriculture from Harvard, Illinois. Mr. Chase will receive a gold medal set with diamonds and will be privileged to retain the prize for the next college year.

The address of Frank H. Eno, *ce*, is 222 16th avenue, Columbus, Ohio.

1892

Mrs. Cassandra Boggs Miller, Urbana, Illinois, Secretary.

W. E. Sanford, *chem*, ex-'92, is superintendent of the Mark Manufacturing Company at Zanesville, Ohio. He has the distinction of being one of the highest paid men who are members of the class of '92.

Frank Beckwith, *ce*, is in contracting work with headquarters at St. Paul, Minnesota.

1893

J. G. Mozier, Urbana, Illinois, Secretary

The address of Severin C. Skielvig, *ing*, Dallas, Texas.

A. B. Loomis, *ce*, is chief engineer of the Toledo-Massillon Bridge Company, at Toledo, Ohio.

1894

Dr. L. Pearl Boggs, Urbana, Illinois, Secretary

Charles H. Trego, *ee*, is now at Palacios, Texas.

Dr. Pearl Boggs recently attended the child welfare conference held at Worcester, Massachusetts, where she read a paper on "Home Education". On July 15 she will sail for China via Europe, expecting to remain there two years. She goes there under the auspices of the Methodist Episcopal church.

William Grant Spurgin of Urbana, Illinois, is a candidate for nomination on the republican ticket, for county judge of Champaign County.

1895

Daisy Scott (Stevenson), *la*, is living at 2116 Boone street, Ames, Iowa.

F. W. Honens, *ce*, who is in the engineering Department of the Government service at Kansas City, Missouri, is contemplating an extensive trip on the upper Missouri for the purpose of investigating the condition of the river and collecting data for the purpose of making river improvements.

M. S. Ketchum, *ce*, who has been on leave of absence for the last year from the University of Colorado, will return to the University at Boulder, Colorado, September first and resume his duties as Dean of the College of Engineering.

1896

Mrs. Amelia Alpiner Stern, Champaign, Illinois, Secretary

J. W. Meyers, *la*, has written to friends from Hong Kong, China, that he is on his way to this country for a visit. He has been superintendent of schools in the Philippines for the past four years.

The present address of Robert P. Manard, *arch.*, is 20 west Ontario street, Chicago, Illinois.

The address of George H. Scott, *la*, is changed from Rantoul, Illinois, to Yankton, South Dakota.

J. G. Beach, *ae*, is living at 753 Hoyt street, Portland, Oregon.

F. L. Thompson, *ce*, has been appointed engineer of bridges and buildings of the Illinois Central Railroad System with headquarters at Chicago, in place of Mr. R. E. Gaut, *ce*, '94, who has resigned to enter another field.

1897

O. L. Gearhart, Champaign, Illinois, Secretary
George Otto Steinwedell, *ee*, was

married to Miss Ruth E. Bjornstad at St. Paul, Minnesota, June 8, 1910.

Walter H. Zimmerman, *me*, has moved from Lansing, Michigan, to 707 north Pine avenue, Chicago, Illinois.

Margaret H. J. Lampe, *la*, has for the past three years taught Latin and German in the high school at Normal and her home address is R. R. No. 1, Bloomington, Illinois.

R. W. Braucher, *ag*, is with the Bureau of Entomology, studying fruit insects and has charge of the field laboratory at Douglas, Michigan. He recently returned from Suisun City, California, where he has been working on the Pear Thrips.

J. L. Sammis, *chem*, professor in charge of the Chemical Research in the department of Dairy Husbandry at the University of Wisconsin, goes to Ames, Iowa, during the month of July to lecture at the summer session of the National School of Agriculture. His address is 234 Breese Terrace, Madison, Wisconsin.

J. E. Pohlman, *ce*, is in charge of the construction of a terminal building for the Western Pacific Railroad at Winnemucca, Nevada.

F. A. Hughes, *ce*, who for over ten years was engineer for the American Smelting & Refining Company at Monterrey, Mexico, has retired to his own ranch at Junction, Texas.

D. T. Randall, *me*, is in charge of the Fuel Engineering department of the Arthur D. Little, Inc., 93 Broad street, Boston, Massachusetts.

Wesley E. King, *la*, who is with the American Surety Company of Salt Lake City, Utah, spent a vacation of three months in New York City, Illinois, and Ohio. He spent about three weeks at Champaign looking over the campus and visiting friends and relatives.

Elmer E. Dunlap, *arch*, is associated

with Marshall E. Van Arman in the practice of architecture with offices at 909-910 State Life Building, Indianapolis, Indiana.

H. A. Webber, *arch*, Superintendent of Construction in the Supervising Architect's office of the Treasury Department, has completed the Federal building at Escanaba, Michigan, and his headquarters are now at Quincy, Illinois. He is in charge of the local work in connection with the extension and remodeling of the Federal building, and of repair work in nearby towns. His office is in the Federal building at Quincy.

Miss Sarah Louise Dewey, *sci*, and Trygve D. Yensen were married at Urbana, Illinois, June 30, 1910. Mr. Yensen is an assistant in the Engineering Experiment Station. They will spend the summer in Montreal, Canada, and will be at home at 701 west Green street, Urbana, after September 15th.

1898

A. S. Williamson, *me*, is spending the summer at Merriton, Ontario.

G. J. Chester has practically recovered his health.

G. J. Ray received a master's degree from the University at Commencement time.

1899

L. D. Hall, 111 East Chalmers street, Champaign Illinois, Secretary.

The address of John H. Young, *ec*, has been changed from 9729 Howard Court, Chicago, Illinois, to 322 Myrtle avenue, Kansas City, Missouri.

Joseph A. Mesiroff, *ee*, may be addressed at 1028 Second street, Milwaukee, Wisconsin.

The address of Harry Anderson, *ee*, is 86 west Mission street, San Francisco, California.

John K. Hoagland, *ag*, was married on April 27, at Urbana, Illinois, to

Mary Alice Green. Miss Green is a sister of Mr. Hoagland's first wife. Francis M. Green, '01.

C. E. Bocoek, *la*, is Dean and Head of the Department of Science of the State Normal School at Albion, Idaho.

P. H. Clark, *la*, is practicing law at Lawton, Oklahoma.

S. O. Swenson, *ee*, is assistant electrical engineer of the Detroit River Tunnel Company, with office in the Michigan Central depot, Detroit, Michigan, and residence at 80 Baggs street.

Felix Richey, *la*, is in the postal service at Lincoln, Nebraska, and lives at 501 south 28th street. He was married June 16, 1909, to Miss Winona Floyd of Arthur, Illinois.

D. C. Ketchum, *la*, and *law*, '04, has opened an office for the general practice of law at 528 New York Life Building, Kansas City, Missouri.

G. F. Arps, ex-'99, has accepted the position of assistant professor of psychology at the University.

A letter addressed to W. G. Fraser, *me*, at Mojave, California, was returned unclaimed. The secretary would like to learn his address.

J. C. Bradley, *me*, is still engaged in the practice of patent law at Pittsburg and has changed his office to 922 Frick building.

C. E. Fleager, *ee*, is district superintendent of plant for the Pacific Telephone and Telegraph Company at San Francisco, having been transferred from Seattle in February. He takes a Chicago paper and is an enthusiastic Illinois baseball fan.

Ida Landel, *la*, is still at Indianola, Mississippi.

M. L. Ullensvang, *sci*, is at Zelcah, California, where he moved last June, having resigned as principal of public schools at Fresno to take possession of a fruit ranch.

C. G. Lawrence, *arch*, has been with the American Appraisal Company seven years and is now in Ohio appraising the largest rubber plant in the world.

H. T. Eastman, *arch*, is in charge of the Omaha work of Holabird & Roche, architects, Chicago, with office at City National Bank building, Omaha, Nebraska.

W. B. Griffin, *arch*, is a practicing architect at 1200 Steinway Hall, Chicago. He is specializing in landscape architecture.

Ella M. Loftus (Turnbull), *la*, lives at 638 north 40th street, Philadelphia.

A. M. Otwell, *sci*, is professor of physics and electrical engineering in the North Dakota State School of Science at Wahpeton.

M. S. Fletcher, *sci*, is physician for the Illinois Traction System and has a practice at Georgetown, Illinois.

J. T. Kingsbury, *la*, (Law 1902) is still practicing law at Tombstone, Arizona.

A. D. DuBois, *ee*, is instructor in electrical engineering in Sibley College, Cornell University. His address is 401 south Aurora street, Ithaca, New York.

Harold Trapp, *law*, is partner in the law firm of Beach & Trapp, Oglesby Building, Lincoln, Illinois.

H. M. Ely, *me*, is superintendent of the Danville Water Company, Danville, Illinois.

George L. Rapp, *arch*, is partner in the firm of C. W. & Geo. L. Rapp, architects, 100 Washington street, Chicago. His residence address is Windemere Hotel, 56th and Cornell avenue.

W. B. Leach, *la*, who has been practicing law at Bloomington since graduation, is a member of the faculty of the Bloomington Law School, the law department of the Illinois Wesleyan University.

B. O. Young, *la*, has been practicing law for several years in Oklahoma City.

His office address is American National Bank Building and residence 1011 north Walker street.

George H. Wilmarth, *ee*, is in the Engineering department of the Illinois Traction System and is in charge of the construction of a 20,000 h. p. plant which the company is building at Venice, Illinois.

R. L. Fowler, *ce*, is manager of the Barber Asphalt Paving Company, at Maurer, New Jersey. His residence is at 235 Water street, Perth Amboy, N. J.

F. C. Koch, *sci*, has resigned his position with Armour & Company to become an assistant in the department of Physiological Chemistry of the University of Chicago. He is also studying for his Ph.D. in Physiological Chemistry.

W. D. Gerber, *ce*, is a partner in the W. S. Shields Company, consulting engineers, 1200 Hartford Building, Chicago. He is specializing in municipal and sanitary engineering work. His residence is at 1419 Morse avenue, Rogers Park.

M. M. Wilcox, *ce*, is with the Union Pacific Railroad, with headquarters in Omaha, Nebraska, but his residence remains at 3250 Pleasant avenue, Minneapolis.

Alice M. Vial, *la*, is teaching at La Grange, Illinois.

G. E. Tebbetts, *ce*, is office engineer, bridge department, C. B. & Q. R. R., 209 Adams street, Chicago. He is also a partner in the firm of Tebbetts & O'Hagan, consulting engineers. They have just completed two concrete bridges for the city of Aurora, Illinois. O. J. Theiss, *ce*, is an inspector for the firm.

The Secretary would like to hear from each of the thirty-seven who have not yet answered the 1910 roll-call, and from anyone else who has a scrap of '99 news.

1900

Miss Nellie McWilliams, 38 Second South street Champaign, Illinois, Secretary

E. W. Ponzer, *la*, who is now in the mathematical department of Leeland Stanford University, and who until last year was one of the most popular instructors at the University, has compiled a neat little booklet of graphs for reference in analytics and geometry.

E. G. Hines, *arch*, lives at 724 south 8th street, Springfield, Illinois.

William Francis Wood, *law*, and Miss Mary Casserly were married at Champaign, Illinois, June 21, 1910. The young couple will spend the summer in Europe. They will then be at home in Champaign.

Raymond C. Ricker, *arch*, and wife, who have been in the missionary service for some time in West China, are now at Muscatine, Iowa. They expect to attend the University of Illinois summer school.

George H. Radley, *ce*, is president of the Milwaukie Alumni Association.

Roy Harley Slocum, *ce*, received his master's degree this year.

Harry Hasson, *sci*, is with the Armour Company. He has charge of the Armour Fertilizer Works at Jacksonville, Florida. Mr. Hasson is married and has two children,—a daughter three years old and a son one year old.

This was our tenth anniversary, but very few of our class could be found among the old graduates. Those present at the Alumni dinner were, P. P. Schaefer, Jennie Latzer (Kacsar), R. H. Slocum, Nell L. McWilliams and Edith Armstrong (Hiller), ex-'00.

Anna May Price, *lib*, will spend the summer in Europe.

Adele Cooper (Scott) has been with her husband at The Hague.

J. C. Thorpe, *me*, will give up his University work to devote his entire time to his automobile business in Urbana.

1901

Frank W. Scott, 600 W. 133 street, New York City, Secretary.

The class secretary mentioned in the QUARTERLY for April the fact that our tenth anniversary comes next year, and suggested that if we are going to do anything worth while to make ourselves proud and other classes envious, and if possible, emulous, we had better begin to plan. There was also a plea for discussion of what ought to be done. Not a word has come from any member of empty-one. Won't you search your souls for ideas, and your vocabularies for expression thereof? F. W. S.

L. E. Hartrick, *sci*, graduated from the Northwestern University Medical School June 8, 1910. He has opened an office at 4627 Champlain avenue, Chicago, Illinois, for the practice of his profession.

G. M. Crossland, *la*, is instructor in history at the Harvey High School, Harvey, Illinois.

Jay H. Burdick, *ag*, is manager of a large grain farm. His address is R. R. No. 1, Box 14, Elgin, Illinois.

The summer address of Gertrude Dillon, *la*, is Sheldon, Illinois.

The address of Arthur C. Hobbie, *ee*, is now Rushville, Illinois.

C. W. Franks, *la*, who has been for the past eight years in the Philippines as a teacher, is spending the summer at his old home at Polo, Illinois. Mr. Franks was married October 6, 1906, to Miss Mayme Herrington of Lanark, Illinois. He has one daughter, Sarah Margaret, born August 30, 1909.

The address of Frederic A. Perkins, *law*, is 30 east Elm street, Canton, Illinois.

Henry Holt & Company announce the

publication soon of a book by Frank W. Scott, *la*, under the title, "Leading American Editors".

The summer address of Katherine A. W. Layton, *la*, is 1015 east Walnut street, Canton, Illinois.

Mary B. Davis, *la*, is spending the summer in a tour of Europe.

H. A. Gleason, *sci*, will go to the University of Michigan as assistant professor of botany.

1902

C. W. Malcolm, 908 west Nevada street, Urbana, Illinois, Secretary

E. O. Keator, *ce*, who has been superintendent of construction of the Gatun Dam and Spillway of the Panama Canal, has resigned his position. He is now engaged in construction work in Spokane, Washington. He has been elected an associate member of the American Society of Civil Engineers.

Edwin L. Draper, *chem*, is a practicing physician in Albany, New York.

Lewis Omer, *la*, for the past seven years athletic director and teacher of mathematics in the Oak Park high school, Chicago, has taken a similar position in the Evanston academy.

Jessie I. Lummis, *la*, has moved to Cheyenne, Wyoming.

Anna Riley (Miller), *lib*, is living at 613 west Gold avenue, Albuquerque, New Mexico.

Aletha Gilkerson, *sci*, after graduating from the University, took a course of training at Cook County Hospital and is meeting with splendid success as a professional nurse in Chicago. Her address is 2114 Sedgwick street.

Since July 1st, the address of Harriet E. Howe, *lib*, is Public Library, Minneapolis, Minn.

E. Alberta Clark, *la*, is spending the summer in a tour of Europe.

Paul Graham Busey, ex-'02, *la*, and

Miss Clara Blanche Black, ex-'13, *mus*, were married at Urbana, Illinois, June 11, 1910.

F. A. Alspach, *ce*, is still with the L. A. & P. Railroad. His address is 1042 Moore avenue, Los Angeles, California.

Lawrence G. Parker, *ce*, associate in civil engineering at the University, has resigned his position. He will leave during the summer for Chetung, Province of Szechuan, China, where he has accepted service as professor of civil engineering in the Railway Engineering College. Mr. Parker's work in college was of such a grade as to secure a position in the engineering departments immediately upon graduation. First he was instructor in elementary and topographical surveying and later he was promoted to associate.

J. S. Bates, *ce*, lives at Monmouth, Illinois.

John Barr, *ce*, is now practicing dentistry. His address is Datooboy Mansion, Mayo Road, Bombay, India.

L. I. Fullenwider, *ce*, is with the contracting department of the American Bridge Company at Minneapolis, Minnesota.

F. G. Wendell, *ce*, lives at 269 south Lafayette street, Grand Rapids, Michigan.

H. A. Roberts, *ce*, is still division engineer on the Oregon Short Line Railroad. His address is 24 north Harrison avenue, Pocatello, Idaho.

Adaline M. Baker, *lib*, sailed June 30th from Montreal to spend the summer in Europe.

C. L. Lundgren, *ce*, is playing ball with the Toronto Eastern League team this season.

Myrtle Gayman (Schott), *la*, is residing at 502 east Daniel street, Champaign, Illinois.

E. C. English, *arch*, of English Brothers is engaged as the contractor for the construction of Lincoln Hall.

MacDonald Thompson, *ce*, is now Assistant Bridge Engineer at the Chicago office of the Chicago Great Western Railroad. His home address is 1026 east 62d street, Chicago, Illinois.

Since L. G. Parker is to be out of the country for some time, C. W. Malcolm has consented to assume the secretaryship of the class. His address is 908 west Nevada street, Urbana, Illinois.

1903

Roy W. Rutt, 803 S. Lincoln avenue, Urbana, Illinois, Secretary.

Grace Goodale (Keator), *lib*, is living in Spokane, Washington.

Jessie Salome Lindley, ex-'03, and James G. Supple of Danville, Illinois, were married at Urbana, Illinois, June 8, 1910.

Alice C. Mann, *lib*, is still librarian of the Public Library at Kewanee, Illinois.

Helen T. Kennedy, *lib*, is instructor in Library Science at the Wisconsin Library School, Madison, Wisconsin.

The address of Mary Henderson (Fletcher), *lib*, is 622 north Grove avenue, Oak Park, Illinois.

Lulu Lego (Hughes) *law*, lives at 114 east Boone street, Ames, Iowa.

The address of Robert H. Kuss, *me*, is changed from 4440 Robey street, Chicago, to 5952 Ceylon avenue, Chicago.

F. E. Inks, *sci*, who has been attending the College of Physicians and Surgeons in Chicago, will spend the summer as externe at St. Mary's Hospital, Chicago. His address is 1845 west Adams street, Chicago, Illinois.

The address of Banus H. Prater, *ce*, is now Oregon Short Line Railroad Company, Salt Lake City, Utah.

Fred E. Rightor, *ce*, office engineer for the Texas Bitulithic Company at El Paso, Texas, has been elected an associate member of the American Society of Civil Engineers.

Anne D. Swezey, *lib*, librarian in the

East Chicago, Indiana, Public Library, lectured to the students of the library school on April 23.

Leo Dolkart, *ec*, is an engineer and contractor with his office at 402 Manadnock Block, Chicago, Illinois.

Francis M. Cayou, *ex-'03, la*, is umpire for the Blue Grass Baseball League of Kentucky.

G. A. Crosthwait, *ag*, has resigned his position at the Marathon, Wisconsin, School of Agriculture.

1904

R. E. Schreiber, 1012 Fort Dearborn Bldg., 134 Monroe street, Chicago, Secretary.

H. B. Dirks, *me*, instructor in mechanical engineering at the University, will sail from New York for Breslau on July 19th. While abroad he will attend the International Congress of Mechanical Engineering to be held in London the latter part of July.

The address of R. W. Hilts, *chem*, is U. S. Food Laboratory, Old Custom House, Galveston, Texas.

Mary M. Bevans, *lib*, resigned her position in the Los Angeles Public Library last April and is now at home with her parents at 1232 south Bonnie Brae street, Los Angeles, California.

The address of Mertie May Dillon (Blair), *la*, is 509 east Graham street, Bloomington, Illinois.

George G. Taylor, *la*, and Trenna June Miller, *sci*, *ex-'05*, were married at Decatur, Illinois, June 30, 1910.

Lieutenant T. A. Clark, *ee*, and wife of Ft. Revere, Boston Harbor, spent the month of June visiting friends in Urbana. After September first, Lieutenant Clark will be at Coast Artillery School, Fortress Monroe, Virginia.

The address of Raeborn H. Post, *me*, is changed from 738 First National Bank Building, Chicago, to 518-519 Fisher Building, Chicago.

J. R. Benson, *la*, is now principal of

the Meramec Schools, St. Louis, Missouri.

Miss Elsie Mae Taylor, *la*, and Ora Stanley Fisher, *ag*, '08, were married at Homer, Illinois, June 4, 1910.

The present address of Clara E. Trimble, *la*, is Mills College P. O., Oakland, California.

Kenneth N. Evans, *ex-'04*, is construction engineer for the Pennsylvania lines at Ridgeville, Indiana.

W. T. Bailey, *arch*, received the degree of Master of Architecture at the June Commencement. He is still head of the architectural department of Tuskegee Institute, Tuskegee, Alabama.

Clinton O. Clark, *law*, of Lawton, Oklahoma, visited the University during Commencement week.

1905

Thomas D. Casserly, 249 Osgood street, Chicago, Secretary.

Louis Metzger, *ce*, who is located in St. Louis, Missouri, has presented the College of Engineering with a full set of blue print drawings of a typical Mississippi river car transfer boat. This set of drawings constitutes a valuable addition to the file of the College.

Clarence A. Braden, *law*, has returned from an extensive trip through the southwest, and is at his home in Sparta. He is contemplating entering the practice of law at East St. Louis, Illinois.

A. G. Schutt, *ce*, is office engineer in the construction department of the Missouri Pacific Railroad at St. Louis. His address is 3718 Arsenal street, St. Louis, Missouri.

Trenna June Miller, *sci*, *ex-'05*, and George G. Taylor, *la*, '04, were married at Decatur, Illinois, June 30, 1910.

The address of F. I. Blair, *ce*, is changed from 1320 Wilson avenue, Chicago, to 509 east Graham street, Bloomington, Illinois.

The address of M. J. Jacobs, *ce*, is 2420 Webster street, San Francisco, California.

W. A. Holderby, ex-'05, is pastor of the First Presbyterian church of Northern Liberties in Philadelphia, Pennsylvania. He is at this time engaged in evangelistic work in Philadelphia.

The address of T. J. Gilkerson, *ag*, is changed from Lemoore, to Stratford, California.

Harold Eugene Bronson, the fourteen-months-old son of Eugene Victor Bronson, ex-'05, and Mabel Elizabeth Fox (Bronson), ex-'08, died in Harrison, Idaho, April 10, 1910, of heart failure resulting from several sick spells during the winter.

The address of Claude H. Seymour, *ce*, is 125 Tennyson Court, Elgin, Illinois.

W. A. Clark is studying in Harvard Medical College.

A. R. Warnock, *la*, has been appointed Assistant Dean of Men at the University.

1906

Paul E. Howe, Urbana, Illinois, Secretary George Awsumb, *arch*, was awarded the first prize of \$500 in the 1908 Annual Traveling Scholarship competition, held by the Chicago Architectural Club, for the best drawings of a public gymnasium and baths. There were eleven men in the competition. The prize is awarded annually by the Club, in competition, and is spent in European travel and study.

Herman G. James, *la*, has received official notification of his having been awarded a fellowship in administrative law in Columbia University.

Tirzah Ozilla Bradley, *la*, and Burt Thompson Anderson, *ce*, '07, were married at Blue Mound, Illinois, July 2, 1910.

Guy Hubbart, *la*, is director of publicity for Younker Brothers of Des Moines, Iowa.

Victor E. Hulteen, *me*, was transferred from Naval Station, North Chicago to Navy Yard at Portsmouth, New Hampshire, the first of April.

The address of H. B. Myers, *ce*, is 1252 north State street, Chicago, Illinois.

L. E. Wilkinson, *arch*, is living at 6047 Kimbark avenue, 1st Flat, Chicago

The address of Paul Augustinus, *ce*, is 514 Jeanette street, Wilkinsburg, Pennsylvania.

The address of Litta Banschbach (Bascom), *lib*, is 1305 Elgin avenue, Muskogee, Oklahoma.

The address of Miles E. Baxter, *me*, is changed from Bevier, Missouri, to 209 Adams street, Chicago, Illinois.

A. R. Bench, *me*, may be addressed at 401 Broadway, Galena, Illinois.

C. B. Suttle, *ce*, is in the office of Stuart Wood of R. D. Wood & Company, 400 Chestnut street, Philadelphia.

The address of E. J. Mehren, *ce*, is 239 west 39th street, New York City.

Litta C. Banschbach, *lib*, was married to George R. Bascom, *mn se*, at Princeton, Illinois.

Philip Stephan Barto, *la*, received his master's degree at the University this year.

Paul Howe, *che*, took his doctor's degree at the University Commencement in June, and will be a member of the faculty of the chemistry department the coming year.

O. S. Watkins, *chem*, as a member of the horticultural staff has been making important investigations concerning orchard conditions in the vicinity of Neoga and other places in the southern part of the state for the University horticultural department. He will marry Miss Grace Sinclair of Indianapolis, Indiana, in September.

William J. Carey, *law*, and Miss Margaret C. Finnigan were married at Champaign, Illinois, May 4, 1910. Mr. Carey is a member of the law firm of Baldwin & Carey, of Decatur, Illinois.

Ralph S. Strong, *me*, is living in Milwaukee. His address is South Milwaukee, Wisconsin, care Burgens Company.

Philip Stephan Barto, *la*, and Miss Anna Van Doren Webb, *sci*, were married at Paris, Illinois, June 7 1910. The couple will reside in Champaign.

Herman G. James, *la*, is now private secretary to Dean Kinley, who is one of the seven delegates from the United States to the Pan American Congress at Buenos Aires. They will return to the University in November.

Daniel Higgins, *ce*, ex-'06, and Miss Ethel N. Taylor, *la*, '09, were married in Clermont, Illinois, June 23, 1910. Mr. Higgins has a government position at Longdo, Korea, where they will make their future home.

T. H. Amrine, *ee*, who was connected with the Engineering Experiment Station since his graduation, resigned during the second semester and went to Newark, New Jersey, to take charge of the lamp testing department of the General Electric Company. His work was largely experimenting with electric light units of various kinds.

J. Norman Jensen, *ce*, has an important position as designer in reinforced concrete with the Corrugated Bar Company of St. Louis, Missouri.

Edward Corrigan is with Darling & Company, Chicago, Illinois. His residence is 5400 Ellis avenue.

The address of Lester E. Rein is 184 LaSalle street, Chicago, Illinois.

J. M. Cleary, *la*, was star reporter for the *Tribune* in obtaining the Holtslaw confession. With State's Attorney Burke of Sangamon county he went to

the home of this legislator and obtained a big story for the *Chicago Tribune*.

Harmon V. Swart, *me*, returned to the United States via New York in February with a year's experience in the engineering department in the Pacific Division on the canal zone, Panama. After taking a vacation of six weeks he entered the sales department of The Taylor Iron and Steel Company of High Bridge, New Jersey.

Candace I. Robinson (Kaufman), *la*, is living at Stirling, California.

Herman G. James, *la*, read a paper before the Illinois State Historical Society in May, on "The Origin and Development of the Bill of Rights in the Constitution of Illinois." He also has an article in the *Illinois Law Review* on the "Distribution of Powers in the Constitution of Illinois".

O. F. Strauch, *me*, is on railway construction work in East Aurora, Illinois.

Louis F. Snow, *chem*, is with the Citrus Soap Works. His address is 3334 D street, San Diego, California.

Walter B. Warder, *la*, is in Cairo Illinois, and was at the University for commencement.

Jennie A. Craig, *la*, *lib*, '09, is catalog assistant at the University.

Elizabeth Graff, *la*, has changed her address to 143 Rockingham street, Toledo, Ohio.

Vera Turell, *la*, is principal of the high school at Oakland, Illinois.

Helen Bryan, *la*, is teaching in grade schools of Champaign and singing in the Unitarian Church.

Grace Baird, *sci*, will spend the summer in Europe. She will teach Biology in the Urbana High School next year.

Daisy Miller (Moore), *hsc*, lives in Milwaukee, Wisconsin.

Louise M. Kilner (Carr), *la*, has changed her address to 5047 Winthrop avenue, Chicago, Illinois.

J. G. Kemp, *sci*, is instructor in physics at the University.

Eva Alverson (Eckhardt), *la*, lives at 915 Goodwin avenue, Urbana, Illinois.

F. W. Gill, *chem*, has resigned his position as chemist in the Laboratory of Physiological Chemistry at the University to accept a position as Research Chemist with the General Electric Company, New York.

H. O. Allison, *ag*, resigned his position in the Animal Husbandry Department of the University to accept a similar position in the University of Missouri at Columbia, Missouri.

Josephine Meissner, *lib*, is Circulating Librarian in the library at the University of Washington Library. She was at the University for Commencement week.

R. M. Evans, *me*, is Sales Engineer for the Western Electric Company in Seattle, Washington. He attended Commencement at the University last June.

C. E. Little, *me*, is with the F. F. Crow Company at Tacoma, Washington, and is to be married soon.

The following members of the class received their master's degree from the University this June: A. M., in German, P. S. Barto and Mary Louise Gay, in Physics, J. G. Kemp, M. S., in Architecture, Edith Leonard, in Chemistry, F. W. Gill, in Theoretical and Applied Mechanics, W. A. Slater.

David Klein, *chem*, received the degree of Doctor of Philosophy from the University of Wisconsin in June.

Edith Leonard, *arch*, who this year received her master's degree, has taken a position at Kokomo, Indiana.

R. R. Rodman, *law*, is city attorney at Hoopeston, Illinois.

A. F. Comstock, *ce*, has been compelled to resign his position as associate editor of the *Engineering Record* because of ill health.

An even dozen of the class of '06 rose when roll was called at the Alumni Meeting. Since graduation this class has been represented the most largely of any, and had other members, who attended the reunion, remained for the meeting, the record would have been kept clear. Watch for the "Wahees" at the Fall Home Coming.

The class of 1906 is to hold its Quinquennial Reunion at the time of the Fall Home Coming, October 15, 1910. This is a change from the usual time of holding the class reunions. It was decided, that, since so many of the class will be coming back for the Chicago game and other reunions, a larger number of the class will assemble than would come at Commencement time. After reading in another part of the *QUARTERLY* of the Fall Homecoming, you will all appreciate the distinct advantage of holding our reunion at that time.

It is essential for a successful reunion that we know the addresses of every member. A few addresses are lacking and many of you have changed or will change your address. Will you please send in at once your present address and a statement of what you are doing and what good luck has befallen you?

1907

Thomas E. Gill, 921 west Cook street, Springfield, Illinois, Secretary

E. O. Jacobs, *me*, who has been state traveling secretary for the Illinois Y. M. C. A., since his graduation, has been appointed to a similar position for Turkey, Armenia, and Syria. He will leave soon, accompanied by Mrs. Jacobs, for Constantinople or Beirut, where he will make his headquarters.

The address of Wilhelmina Gentsch (Harris), *la*, is Canal Dover, Ohio.

The address of Helen M. Eaton, *la*,

is 533 west Erwin street, Tyler, Texas.

Harry Gardiner, *ee*, is with the Electric Railroad Company at Spokane, Washington.

Imogene Shade, *la*, will spend this summer traveling in Europe. Mail will reach her if sent to her home at 1010 north East street, Bloomington, Illinois.

The address of Leroy C. Ferry, *me*, is 848 west William street, Decatur, Illinois.

Agnes Elaine Nichol, *lib*, and Thomas J. Foster were married at Urbana, Illinois, June 16, 1910.

The engagement of W. R. Block, *ag*, and Miss Helen McCulloch, *ex-'10*, has been announced.

Wilfred Lewis, *ce*, is with the Butler Construction Company of Seattle, Washington. His address is 305 Cray Building.

The address of P. J. Freeman, *me*, is Lilly Chapel, Ohio.

O. H. Baker, *me*, is employed as engineer with the Illinois Steel Company at Milwaukee, Wisconsin.

Louise Marie Huse (Pray), *la*, lives at 215 south Austin avenue, Oak Park, Illinois.

The address of Jacob C. Nelson, *ag*, is Box 28, Minden Mines, Missouri.

C. B. Coleman, *ag*, may now be addressed at New Windsor, Illinois.

The address of Richard D. Jessup, *me*, is 3510 Walnut street, Chicago, Illinois.

The residence address of Franklin G. Rogers, *me*, is 300 north Scoville avenue, Oak Park, Illinois.

The address of Djalma D. Williams, *ce*, is 405 south Fern street, Wichita, Kansas.

The address of Elizabeth H. Burnside, *lib.*, is Bradley Polytechnic Institute, Peoria, Illinois.

Sara M. Hummel, *sci*, is at the head of the department of Domestic Science

at the University of Washington. Miss Hummel is earnest and capable in her work, and the department is rapidly growing and broadening under her direction.

The address of C. C. Austin, *me*, is Room 507, Y. M. C. A., St. Paul, Minnesota.

John Hinman, *me*, is in Mt. Vernon, Illinois, as agent for the Overland Automobile Company. Since graduation he has been in Nevada. The high altitude did not agree with him, however, and he has returned to Illinois.

Henry Ben Ward, *la*, is engaged in general business with his father in Mt. Vernon, Illinois.

Carl Van Doren, *la*, who was a graduate student at Columbia University last year, is spending part of the summer touring Europe.

Ernest Clair Woodin, *me*, and Miss Virgil Funk were married at St. Joseph, Michigan, June 28, 1910. After a wedding trip on the lakes, they will return to Chicago to reside.

Alta Charles, *la*, and William Earl McKeever, *ag*, '10, were married at Urbana, Illinois, June 4, 1910.

Wilbur C. Maddox, *ee*, and Miss, Myrtle Lewis, were married at Champaign, Illinois, June 22, 1910.

Levi Mosiman, *ee*, and Edna Leila Dillon, *la*, were married at Urbana, Illinois, June 29, 1910.

Harry Gray Hake, *ee*, and Minnie Etta Thomas, *ex-'07*, were married at Champaign, Illinois, June 18, 1910. Mr. Hake has been an instructor in electrical engineering at the University, and Miss Thomas has been a teacher in the Champaign schools. The couple will live at the corner of Coler avenue and High street, Urbana, Illinois.

The address of Olive Sprague is Lockport, Illinois.

Giloe Apple, *la*, is teaching in the public schools at Palestine, Illinois.

Alice E. Fullenwider's, *la*, address is Mechanicsburg, Illinois.

J. W. McManus, *ce*, and Miss Theodocia M. Ford of Kansas City, Missouri, were married last October. Word came too late for the April number. "Jimmy" is employed by the government with headquarters at St. Paul, Minnesota. His address is 956 Iglehart avenue, St. Paul, Minnesota. He says that Ross, *la*, Savage, and Golden have reported and passed on into the Far West.

Ralph Hawley, *la*, is with the Trustee Company of Seattle at Seattle, Washington. He writes that luncheons are held the first Thursday of each month at the Rathskeller. Any Illinois man "round about" will be welcomed at any of the meetings.

Nathan R. Wakefield, *la*, writes from Chicago on letterheads of the National Theft Preventive Company. He does not state whether he is with the company or not. His address is 2123 west Monroe street, Chicago.

W. C. Maddox, *ee*, is located in Peoria, Illinois. He is in partnership with C. E. Armstrong under the name of Maddox & Armstrong. The address of the firm is 526 Woolner Building.

M. J. Trees, *ce*, and C. S. Pillsbury, *la*, both report from the Chicago Bridge & Iron Works, 105th and Troop streets, Chicago.

Burt T. Anderson, *ce*, is with the Santa Fe Railroad Company in connection with alternating current signal installations on the road from California to Chicago. His headquarters were moved June 1, 1910, from New York to Topeka, Kansas. Mail addressed to his care of Signal Department, A. T. & S. F. Railroad Company, Topeka, Kansas, will reach him.

J. C. Spittler, *ag*, is busy with the haying on the farm at Montrose, Illinois.

C. M. Page, *ce*, is manager of the

Page Investment Company at Roseburg, Oregon. At present writing he is a lumberman in charge of the company's mill at Drain, Oregon. He writes that the country is fine and prospects good.

Eleanor Beardsley, *la*, writes from 3643 Walnut street, Kansas City, Missouri, and regrets that she could not be present at the reunion in June.

P. R. West, *me*, is with the Commonwealth Edison Company, Chicago. His address is 22nd and Fisk streets, Chicago.

J. K. Simer, *la*, is with the law firm of Wilson, Mercer, Holsinger, Sevan, & Ware, Minneapolis, Minnesota. He graduated from the law school of the University of Minnesota this June and was admitted to the bar in that state. He writes enthusiastically about the prospects there. He can be found with the above firm in the Security Bank Building.

On June 22, 1910, at Boulder, Colorado, Alfred P. Poorman, *ce*, and Sarah Elizabeth Ellmaker, were married. They will be at home after September first, at Lafayette, Indiana. Congratulations, Poorman. All the class join in.

Another '07 man has joined the ranks of the "Happy Hubs." On June 22, 1910, D. T. Marks, *ee*, and Frances Elizabeth Decker were married at Chicago.

The address of Roy R. Helm, *la*, is P. O. Box 1389, Salt Lake City, Utah, instead of Chicago, Illinois. His engagement to Mabel Moore, daughter of Mr. and Mrs. Milton Moore, was announced on July 8.

C. E. Noerenberg, *ce*, received the degree of A.B. in the College of Literature and Arts at the June Commencement. He was also elected to Phi Beta Kappa.

Charlotte Hess, *la*, will sail September 15 for Japan, where she will be married to Roy Smith, *lib*, '02, at the home of a

friend, Mrs Coleman, in Kobe, about October 1, 1910.

"Jim" Prendergast, *ex-'07*, is in the contracting business and is at present finishing the installation of the sewerage system for the new Cook County Infirmary at Oak Forest, Illinois.

M. A. Kendall, *me*, and Miss Luella Flynn were married June 15, 1910, at Aurora, Illinois. They will live in Aurora where he is chief draftsman for the Stephens Adamson Manufacturing Company.

John C. Lawyer, *law*, is making a success in the practice of law at Macomb, Illinois.

Leslie Dillon Howell, *ae*, and Harriet Maxwell were married June 22, 1910, at Tacoma, Washington. They will be at home after July 20th at 3005 north 24th street, Tacoma, Washington.

Burt T. Anderson, *ee*, and Tirzah Ozilla Bradley, *la*, '06, were married at Blue Mound, Illinois, July 2, 1910.

1908

B. A. Strauch, Champaign, Illinois, Secretary

Alfred Gross, *sci*, was recently awarded the Edwin Austin scholarship in zoology at Harvard. This scholarship, which is the highest offered to students in zoology at that institution, amounts to five hundred dollars. Mr. Gross spent a year at the University as a graduate assistant, and has spent the last year at Harvard. The scholarship enables him to continue his studies in the Bermuda Islands.

R. J. Love, *arch*, passed the State architects' examination which was held April 5, 6, and 7.

George Brannen, *ex-'08*, vice-president of the Great Western Fixture Works of Chicago, is visiting at the Phi Kappa Sigma house.

The address of Paul Gillespie, *arch*, is 103 west 9th street, Atlantic, Iowa.

The present address of Hazel Cooper.

la, is 204 west John street, Champaign Illinois.

The address of G. W. Crossett, *ee*, is 602 Union street, Schenectady, New York. He is in the employ of the General Electric Company.

F. T. Kegley, Jr., *arch*, is with A. M. Edelman, architect, Los Angeles, California.

Paul N. Snyder, *ex-'08*, is traveling auditor for the Moneyweight Scale Company, 47 State street, Chicago, Illinois.

Nellie Miller, *la*, and John Glenn Miller, *ex-'07*, were married at Champaign, Illinois, May 3, 1910. They will make their home at 4653 Beacon street, Chicago.

William Walter Wasson, *ex-'08*, received the degree of M.D. at the University of Colorado, Boulder, Colorado, in June.

Ora S. Fisher, *ag*, and Miss Elsie Mae Taylor, *la*, were married at Homer, Illinois, June 4, 1910. Mr. Fisher is an assistant in soil fertility in the College of Agriculture. The young couple will make their home in Urbana.

Stanley E. Wilkinson, *la*, and Miss Zella Brooks, *sp*, were married at Kankakee, Illinois, June 16, 1910.

The address of Ethel M. Bushnell, *la*, has been changed from 2309 Eldridge avenue, Bellingham, Washington, to 335 east Seventh street, Long Beach, California.

The address of A. S. Buyers, *me*, is 3 north Wendell avenue, Schenectady, New York.

Hazel Besore, *la*, was married to Dr. George Christy McCann, at Urbana, Illinois, June 1, 1910. The young couple will be at home in Danville after August 1.

The address of I. C. Nitz, *ee*, is 1509 Addison street, Chicago, instead of 3559 north Ashland avenue, Chicago.

Daniel L. Christopher, *sci*, and Lura

Dean Jerauld, *mus*, ex-'12, were married at Urbana, Illinois, June 8, 1910.

The address of Mary P. Billingsley, *lib*, is 1273 Harrison street, Topeka, Kansas.

Edward A. Styles, *ry ee*, lives at 2346 east 90th street, Cleveland, Ohio.

The address of G. E. Jaquet, *ry ee*, is 231 Seward Place, Schenectady, New York.

Alta A. Charles, *la*, and William Earl McKeever, *ag*, '10, were married at Urbana, Illinois, June 4, 1910.

Clyde Hadley Myers, *ag*, and Fleda DeVere Straight, *lib*, were married at Fonda, Iowa, June 28, 1910.

The address of W. W. Kerch, *ce*, is 2208 C street, Granite City, Illinois.

The address of Frank L. Hanson, *ee*, is now 387 Reid street, Peterboro, Ontario.

Ira T. Carrithers, *la*, has been appointed athletic coach at Knox College for the ensuing year. Mr. Carrithers has held a similar position at Alma College, Michigan, since leaving the University.

A. M. Allen, *la*, is employed in the Third National Bank of Mt. Vernon, Illinois.

The address of Lewis McDonald, *ce*, is 2010 west 101st Place, Chicago.

J. B. Cabanis, *ce*, has recently accepted a position in the inspection department of the Universal Portland Cement Company, at Chicago, Illinois.

George Pfisterer, *me*, is in the employ of the Green Engineering Company of Chicago, Illinois.

Edward L. Hall, *la*, is the inventor of a poison bottle indicator, called "The Red Devil Skull Poison Bottle Indicator." Mr. Hall has quarters at 105 Harrison street, Danville, Illinois, and will manufacture the indicators at that place.

Opal Burres, *la*, who was principal of

the high school at Sheldon, Illinois, will spend next year at the University in research work.

Irwin W. Smith, *la*, is assistant instructor in mathematics at the University of North Dakota, Fargo, North Dakota.

1909

P. K. Johnson, Belleville, Illinois, Secretary.

To the Members of the Class of 1909:

Having been appointed permanent class secretary by the Editor of the ALUMNI QUARTERLY, I take this means of urging the cooperation of every member in gathering notes concerning '09 graduates. With your help, I expect to keep '09 well in the lead, and to present a journal of events that will be a welcome visitor to every loyal alumnus. One year has passed since our graduation, and during that time many things of interest have happened to us. New positions and addresses have resulted; some of our members have become benedicts; paths of success have been found by many; something has happened to each of us that is of interest to all. Let us share joys and sorrows by keeping mutually informed of all important occurrences. During its period of academic existence, the Class of 1909 was noted for unity and spirit. Let us keep it united, and, by taking an active interest in the doings of our beloved classmates, maintain the close friendships of college days. Write me or to the Editor, before the date of publication of each number of the QUARTERLY, all news you have concerning yourself and other members of the class, and we will make this column an indispensable thing to every one of the 660 graduates of 1909. Again urging cooperation, I am,

Yours faithfully,

P. K. JOHNSON,

Court House, Belleville, Illinois.

The department of architecture made an earnest but vain effort to complete the 1909 memorial before commencement. As the fountain now stands, it is not a thing of beauty or a joy forever. The reason seems to lie in the following facts. The fountain, built of rough cement, was to be adorned with glazed tile in chaste and ornamental colors and design. The tile arrived, was placed in Engineering Hall, and left to await the building of the fountain. When that was done it was discovered that in the interim someone with a horse, wagon, and derrick, had eluded the vigilant eye of the University police and hauled the tile away, to decorate something else. Now a second lot of tile has been ordered, which will be kept under guard until firmly attached to the fountain. If we can control our thirst until that time we may confidently expect to slake it at Commencement, 1911.

C. P. Mills, *ag*, is head of the Agricultural Department at Williams and Vashti College at Aledo, Illinois.

John J. Miller, *chem e*, associate editor of the *Chemical Abstract Journal* at Columbus, Ohio, was married June 8 to Miss Ruth Coffman of that city.

R. N. Erskine, *la*, is employed by the law firm of Novak & Pollack, of Chicago.

H. R. DeWitt, *ce*, of Chicago is employed by the Maintenance Department of the Missouri Pacific with headquarters at Wynne, Arkansas.

Daniel Marsh, *ce*, is with the Interlocking Concrete Construction Company at 79 Dearborn street, Chicago.

The address of A. B. Campbell, *ee*, is 2320 Kenilworth avenue, Norwood, Ohio.

"Daub" Flanders, *la*, is in Berkeley, California, engaged in commercial work.

The address of J. Kyle Foster, *la*, is now Dayton, Montana,

R. E. Doherty, *ee*, is with the General Electric Company at Schenectady, New York.

W. H. Burch, *me*, is with the Midland Motor Company of East Moline, Illinois.

Leon U. Everhart, *law*, is practicing law in Urbana, Illinois.

Avery Brundage, *ce*, is with Holabird and Roche, architects in the Manadnock Building, Chicago, Illinois.

Forest C. Van Hook, *sci*, attended the Northwestern Medical School in Chicago last year.

N. H. Hill, *ae*, has resigned his position with the Big Four at Indianapolis, Indiana, to take a position with an architectural firm of Lincoln, Nebraska.

E. T. Ingold, *me*, was presented with a medal by the managing committee of the Conference Athletic Association. Mr. Ingold was in charge of the details of the meet held at the University in June, and the gold medal was presented to him as a token of the appreciation and esteem of the association.

The address of E. C. Rainey, *la*, is Brubaker, Illinois. Mr. Rainey will be an assistant in the department of English at the University next year.

The address of Warren E. Knapp, *sci*, is now R. F. D. No. 3, South Haven, Michigan.

S. M. Knox, *ag*, writes that he is farming 560 acres and doing well. His address is LaHarpe, Kansas.

The address of H. R. Cawood, *ce*, is 2407 Harney street, Omaha, Nebraska.

The address of Mark E. Powers, *me*, is 119 east 44th street, Chicago, Illinois.

H. E. Ashdown, *mse*, has accepted a position as assistant engineer of Chicago Heights, Illinois.

Lion Gardiner, *me*, is now with the W. H. Zimmerman Company, engineers and constructors, First National Bank

Building, Chicago, Illinois. His residence address is 814 east 45th street.

A. W. Ames, *me*, is living at 3416 Elaine Place, Chicago, Illinois.

The address of H. D. McGinnis, *me*, is Westfield, Massachusetts, care The H. B. Smith Company, instead of Aurora, Illinois.

J. J. Walledom, *ce*, is assistant engineer of the St. Louis Electric Bridge Company. His address is Second and Salisbury streets, St. Louis, Missouri.

Samuel N. Finn, *law*, has formed a partnership with W. G. Wilson for the practice of law in Salem, Illinois.

A. H. Friedrichs, *law*, is located in the Metropolitan building, East St. Louis.

The address of T. J. Wright, *ce*, is Canebrake, West Virginia.

The address of F. N. Holmquist, *ce*, is 368 north Second avenue, Proenix, Arizona.

L. R. Kelley, *law*, is connected with the office of the United States Revenue Collector for Southern Illinois, with headquarters at East St. Louis.

The present address of Emma Ponzner, *la*, is Henry, Illinois.

Clarence A. Hertel, *ag*, has been teaching in the Brooklyn public schools during the past year, and has been re-employed.

William C. Johnson, *ce*, Division Engineer of the Evansville, Mt. Carmel & Northern railway being constructed from Evansville, Indiana, to Mt. Carmel, Illinois, has offices in the Waverly building.

Clarence Clendinin, ex-'09, of Springfield, is editor of the *Laredo News*, at Laredo, Texas.

The address of Carl H. Hoge, *ry ce*, is 325 18th avenue, north, Seattle, Washington.

William H. Schulzke, *arch*, is working for H. W. Whitsitt, '03, and his

address is 21-23 Chase Block, Moline, Illinois.

The address of James R. Stalker, *ce*, ex-'09, is now 420 west 11th street, Kansas City, Missouri.

F. S. Musser, *ce*, may be addressed at 209 Adams street, Chicago, Illinois.

Bess Matthews, *la*, has gone to Knoxville, Tennessee, to make her home with her mother and brother, R. C. Matthews, '02, Associate Professor of Mechanical Engineering at the University of Tennessee.

Horace Rayner, *ce*, has accepted a position in the bridge department of the Chicago and Northwestern Railroad.

Earl Rose, *law*, may be addressed at Olney, Illinois. He has not embarked into professional business as yet.

Joe Messick, *law*, is a member of the firm of Messick & Messick, offices in the Murphy Building, East St. Louis, Illinois.

Roscoe D. Wyatt, *law*, who entered the government service last year as Land Law Clerk, has been promoted to the office of Assistant Chief of Claims, Forest Service, Albuquerque, New Mexico.

Preston K. John, *law*, is assistant State's Attorney of St. Clair County, at Belleville, Illinois, and is also engaged in private law practice in that city.

H. S. Horner, *arch*, was successful in passing the state examination for architects license which was held last April 5, 6, and 7.

The address of Fred W. Kressmann, *sci*, is 2241 Clifton avenue, Chicago, Illinois.

Pomeroy Sinnock, *ce*, and Miss Frances Maurine Ober were married at St. Louis, Missouri, June 22, 1910.

W. W. Reece, *me*, lives at Waukegan, Illinois.

George L. Jensen, *ce*, is now with the C. M. & St. P. Railroad at Chicago, as designer in reinforced concrete.

H. E. Page, ex-'09, *ce*, and Miss Elsie Wascher, were married at Champaign, Illinois, June 29, 1910.

George E. Post, *la*, is now with R. R. Donnelley & Sons Company of Chicago, Illinois.

T. W. Samuels, *la*, will see Europe via the cattle steamer.

L. U. Everhart, *law*, was census taker for Urbana, Illinois.

Billy May, *la*, is now in the office of the Continental Fire Insurance Company.

A. P. Streff, *ce*, is in the structural designing department of Swift & Company, Chicago.

J. Q. Pettigrew, *me*, and Elva Pease, *la*, were married June 17, 1910, at Harvey, Illinois. They will live at Harvey, where together with his father, he conducts the Enterprise foundry.

Delos L. James, *ag*, will be employed by a large eastern commercial firm in Pennsylvania next year, and will not be a member of the University faculty.

T. L. Kelley, *sci*, who has been instructor in mathematics at the Georgia School of Technology at Atlanta, Georgia, has returned to Urbana, and will be an instructor in psychology at the University next college year.

R. C. Bardwell, *sci*, is with the Missouri Pacific Railroad, Southeast corner of 9th and Main streets, Kansas City, Missouri.

1910

John Buzick, *ce*, is playing ball with the Boston Red Sox Club this summer.

Benjamin H. Harrison, *chem*, is in the employ of Armour & Company, Chicago, Illinois.

William W. Dale, *la*, will attend the

Chicago Theological Seminary next year.

K. M. Dallenbach, *la*, who is spending the summer in a tour of Europe, will attend the Harvard law school next year.

G. H. Myrick, *ee*, has a position with the General Electric Company at Chicago, Illinois.

R. C. Berry, *la*, is now working for the Chicago & Northwestern Railroad Company with headquarters at Toledo, Iowa.

John Reed Fugard, *ae*, and Rena Owen, ex-'10, were married at Plano, Illinois, June 18, 1910. The young couple will make their home in Princeton, New Jersey.

William Earl McKeever, *ag*, and Alta A. Charles, *la*, '08, were married at Urbana, Illinois, June 4, 1910.

Walter Millard Haskell, *me*, was drowned in Rock River near Sterling, Illinois, June 25, 1910.

J. S. Cleavinger, *lib*, is librarian of the city library at Jackson, Michigan.

Grace Black, *la*, has announced her engagement to Clement C. Williams, *ce*, '07, an instructor in the University of Colorado.

John Emmett Layden, *law*, and Miss Hazel Harbert were married at Hoopes-ton, Illinois, June 8, 1910. Later in the summer the young people will probably go to Oklahoma, where he will practice law.

M. B. Stewart, *ce*, will spend the summer touring Europe.

I. A. Lindberg, *la*, has accepted a position as assistant superintendent of the General Signal Company at St. Paul, Minnesota.

F. M. Poe, *me*, is a draftsman with the American Brake Shoe and Foundry Company at Chicago Heights, Illinois.

George Schuster, *me*, is doing testing work for the Santa Fe Railroad with headquarters at Topeka, Kansas.

Harry A. Moore, *ee*, has accepted a position with the National Lamp Association.

C. S. Heislar, *me*, has a position with the National Malleable Castings Company, at 25th Place and Rockwell streets, Chicago, Illinois.

L. Levinson, *ce*, is a draftsman in the employ of the American Bridge Company, Deering, Illinois.

Ben Horn, *ae*, has a position with Temple & Burrows, McManus building, Davenport, Iowa.

R. S. Howard, *chem*, will teach chemistry at the Rensselaer Polytechnic Institute, Troy, New York.

C. H. Jacobsen, *me*, has a position with the Allis-Chalmers Company, Milwaukee, Wisconsin.

E. E. Johnson, *la*, has a position with the Moline Furniture Works, Moline, Illinois.

A. A. Jones, *law*, and J. L. McLaughlin, *law*, '09, have formed the firm of Jones & McLaughlin for the practice of law, with offices at Citizens Title and Trust Company Building, north Water street, Decatur, Illinois.

Elmer Juergens, *ce*, is with the Dearborn Foundry Company, 1525 Dearborn street, Chicago, Illinois.

W. E. McKeever, *ag*, is farming near Gibson City, Illinois.

Karl Kiedaisch, *ce*, is an engineer with the Keokuk and Hamilton Water Power Company at Keokuk, Iowa.

Karl P. Kipp, *ag*, is farming near Anawan, Illinois.

L. Kummer, *ry ee*, has a position with the General Electric Company at Pittsfield, Massachusetts.

Carter H. Lamb, *ee*, is in the Consulting Engineer's office of the Arnold Company, 181 LaSalle street, Chicago. His address is 322 south California avenue, Chicago, Illinois.

Elmer A. Leslie, *la*, is pastor of the First Methodist church at Kittery,

Maine. He will attend college in Boston next winter.

C. P. Levis, *la*, has taken a position with the Illinois Glass Company at Alton, Illinois.

E. W. Martin, *ee*, is with the Westinghouse Electric and Manufacturing Company, Pittsburg, Pennsylvania.

Dana Q. McComb, *ce*, is with the American Creosoting Company, 193 Michigan avenue, Chicago, Illinois.

J. C. McLean, *ry me*, has a position with the General Railway Signal Company, 1340 Monadnock Block, Chicago, Illinois.

Ellsworth Moore, *la*, will teach in the high school at Tuscon, Arizona.

H. Moschel, *me*, is in the employ of the Republic Iron and Steel Company at Moline, Illinois.

Robert E. Nihan, *ee*, has a position with the Union Electric Company at St. Louis, Missouri.

J. C. Parmely, *me*, is with the Kewanee Light & Power Company, Kewanee, Illinois.

O. E. Pence, *la*, has been appointed secretary of the Y. M. C. A. at the University.

E. F. Plumb, *la*, will return to the University next year for the study of law.

J. V. Richards, *ae*, is with J. C. Llewellyn, First National Bank Building, Chicago, Illinois.

James K. Richie, *ee*, is switch board inspector for the Illinois Traction Company, with headquarters at Danville, Illinois.

E. B. Righter, *ee*, is playing on the Davenport Baseball Team this summer. He will be in the employ of the National Lamp Association, Cleveland, Ohio, after October 1st.

Frank A. Robbins, *ee*, will teach at the Iowa State College, Ames, Iowa, next year.

Dan M. Rugg, *me*, has a position with

the Indiana Steel Company, at Gary, Indiana.

George Rutledge, *sci*, will be adjunct professor of mathematics in the Georgia School of Technology at Atlanta, Georgia.

Leroy B. Sherry, *sci*, will attend the Johns Hopkins Medical School at Baltimore, Maryland.

Arthur L. Smith, *sci*, will teach science in the Sullivan high school next year.

Elmer R. Stahl, *la*, is going to take a post graduate course in history at the University next year.

W. L. Talbot, *la*, will teach in the Sycamore, Illinois, high school next year.

L. C. Turnock, *ch e*, will attend the graduate school of the University of Wisconsin next winter.

Claude L. Wagner, *ch e*, is a chemist with the Cape Girardeau Portland Cement Company at Cape Girardeau, Missouri.

George S. Ward, *la*, will attend Harvard law school next year.

John E. Whitchurch, *ag*, has been appointed an assistant in soil fertility in the College of Agriculture at the University.

Edwin L. Wilson, *law*, will practice law. His address is 700 Fourth avenue, Joliet, Illinois.

F. Howard Swits, *la*, may be addressed at 153 LaSalle street, Chicago, Illinois, where he is engaged in Y. M. C. A. work.

After September mail will reach Judan T. Zehn, *ee, ce*, through the Imperial Chinese Legation, Washington, D. C.

Charles M. Walker, *me*, has a position as sales manager with E. M. Burr & Company, Champaign, Illinois.

C. V. O'Hern, *sci*, will attend the University of Chicago next year.

L. R. Gulley, *me*, will return to the University to complete his course in Electrical Engineering.

C. L. Harkness, *me*, has been appointed assistant secretary of the Y. M. C. A. at the University.

J. H. Bornmann, *chem*, will be graduate assistant in chemistry at the University next year.

Clarence E. Noerenberg, *la*, will be an instructor at the University.

B. A. Beinlich, *la*, who is touring Europe this summer, will teach in the Murphysboro Township High School.

Erwin C. Finkenbinder, *la*, will attend Clark University at Worcester, Massachusetts.

R. B. Fizzell, *la*, will be a student in the Harvard Law School next winter.

W. F. Gleanor, ex-'10, is Assistant State's attorney of Sangamon County.

Howard Hay, ex-'10, and Dorothy Gunn Spray, ex-'10, have announced their engagement.

"Husky" Smith, ex-'10, is visiting at his home at Kankakee, Illinois. He is on leave of absence from Panama, where he is quartermaster for the government, with headquarters at Pedro Miguel.

George Schoeffel, *la*, will spend the summer touring Europe.

M. W. Thompson, *la*, will instruct in the University Academy the first semester.

Wilbur G. Hyde, *arch*, has taken a position in the architect's office of Stanford Hall.

Milton Winfield Thompson, *la*, of Litchfield, Illinois, and Miss Frances L. Price were married at Decatur, Illinois, June 29, 1910.

MARRIAGES

- 1879 Augusta Esther Butts, *nh*, to Dr. Bradford Allen Camfield, on December 23, 1909, at Chicago, Illinois.
- 1880 Arthur Seymour Robinson, *me*, to Mrs. Rose Nelson Squier, on July 6, 1908.
- 1894 Conrad B. Kimball, *arch*, to Marie B. Weber, on June 14, 1910, at New York City.
- 1897 George Otto Steinwedell, *ee*, to Ruth E. Bjornstad, on July 8, 1910, at St. Paul, Minnesota.
- 1897 Sarah Louise Dewey, *sci*, to Trygve D. Yensen, June 30, 1910, at Urbana, Illinois.
- ex-98 Howard Wallace Clark, to Christine Sibylla Gerlach, on June 22, 1910, at Lodi, California.
- 1899 John K. Hoagland, *ag*, to Mary Alice Green, on April 27, 1910, at Urbana, Illinois.
- 1900 William Francis Wood, *law*, to Mary T. Casserly, on June 21, 1910, at Champaign, Illinois.
- ex-00 Fred W. Husk, to Harriet H. Joslin, on December 22, 1909, at El Paso, Texas.
- 1901 Charles W. Franks, *la*, to Mayme Herrington, on October 6, 1906, at Lanark, Illinois.
- 1901 Frank George Frost, *me*, to Daisy Hargrove Wendel, on June 8, 1910, at Florence, Alabama.
- 1901 Charles T. Greene, *la*, to Anna Elizabeth Church, on June 8, 1910, at Chicago, Illinois.
- ex-02 Paul Graham Busey, to Clara Blanche Black, ex-'13, June 11, 1910, at Urbana, Illinois.
- 1903 Marjorie Douglas Forbes, *la*, to Joseph Wade Wilson, *arch*, '03, on July 2, 1910, at Rainier Park, Washington.
- 1903 Joseph Wade Wilson, *arch*, to Marjorie Douglas Forbes, *la*, '03, on July 2, 1910, at Rainier Park, Washington.
- ex-03 Jessie Salome Lindley, to James G. Supple, on June 8, 1910, at Urbana, Illinois.
- 1904 Elsie Mae Taylor, *la*, to Ora Stanley Fisher, *ag*, on June 4, 1910, at Homer, Illinois.
- 1904 George Graham Taylor, *la*, to Trenna J. Miller, ex-'05, on June 30, 1910, at Decatur, Illinois.
- ex-04 Arthur Carl Singbusch, jr., *me*, to Hazel Scott, May, 1910, at Enid, Oklahoma.
- 1905 Alfred G. Schutt, *ce*, to Ada L. Furber, on June 8, 1910, at St. Louis, Missouri.
- 1905 Alice Hartzel Clark, *arch*, to Datus Ensign Myers, on May 26, 1910, at St. Joseph, Michigan.
- 1905 George R. Bascom, *me*, to Letta C. Banschback, *lib*, on April 27, 1910, at Princeton, Illinois.
- ex-05 Trenna June Miller, to George Graham Taylor, *la*, on June 30, 1910, at Decatur, Illinois.
- 1906 Tirzah Ozilla Bradley, *la*, to Burt Thompson Anderson, *ce*, on July 2, 1910, at Blue Mound, Illinois.
- 1906 Candace Ione Robinson, *la*, to Bertram F. Kauffman, on January 1, 1910, at Granville, Illinois.
- 1906 Agnes Elaine Nichol, *lib*, to Thomas J. Foster, June 16, 1910, at Urbana, Illinois.
- 1906 Philip Stephan Barto, *la*, to Anna Van Doren Webb, *sci*, on June 7, 1910, at Paris, Illinois.
- 1906 Anna Van Doren Webb, *sci*, to Philip Stephan Barto, *la*, on June 7, 1910, at Paris, Illinois.
- 1906 William J. Carey, *law*, to Margaret Finnegan, on May 4, 1910, at Champaign, Illinois.
- 1906 Litta C. Banschbach, *lib*, to

- George R. Bascom, on April 27, 1910, at Princeton, Illinois.
- ex-06 Daniel Higgins, to Ethel N. Taylor, on June 23, 1910, at Clermont, Illinois.
- 1907 Homer B. Bushnell, *ce*, to Ferne Graham, on April 30, 1910, at Clinton, Illinois.
- 1907 Wilhelmina Gentsch, *la*, to Ivor Harris, on October 7, 1909, at Canal Dover, Ohio.
- 1907 Leslie Dillon Howell, *ae*, to Harriet Maxwell, on June 22, 1910, at Tacoma, Washington.
- 1907 Myron Avery Kendall, *me*, to Luella Flynn, on June 15, 1910, at Aurora, Illinois.
- 1907 Alfred P. Poorman, *ce*, to Elizabeth Ellmaker, on June 22, 1910, at Boulder, Colorado.
- 1907 Wilbur Clinton Maddox, *ee*, to Myrtle Lewis, on June 22, at Champaign, Illinois.
- 1907 Ernest Clair Woodin, *me*, to Virginia Funk, on June 27, 1910, at St. Joseph, Michigan.
- 1907 John Glenn Miller, *arch*, to Nelle Miller, *la*, on May 3, 1910, at Champaign, Illinois.
- 1907 Harry Gray Hake, *ee*, to Minnie Etta Thomas, on June 18, 1910, at Champaign, Illinois.
- 1907 Levi Mosiman, *ee*, to Edna Leila Dillon, *la*, on June 29, 1910, at Urbana, Illinois.
- 1907 Edna Leila Dillon, *la*, to Levi Mosiman, *ee*, on June 29, 1910, at Urbana, Illinois.
- 1907 Burt Thompson Anderson, *ce*, to Tirzah Ozilla Bradley, *la*, on July 2, 1910, at Blue Mound, Illinois.
- ex-07 Minnie Etta Thomas, to Harry Gray Hake, *ee*, on June 18, 1910, at Champaign, Illinois.
- 1907 David Thaddeus Marks, *ee*, to Frances Elizabeth Decker, on June 22, 1910, at Chicago, Illinois.
- 1908 Stanley E. Wilkinson, *la*, to Zella Brooks, *sp*, on June 16, 1910, at Kankakee, Illinois.
- 1908 Hazel Besore, *la*, to George Christy McCann, on June 1, 1910, at Urbana, Illinois.
- 1908 Daniel Leroy Christopher, *sci*, to Lura Dean Jerauld, *mus*, ex-'12, on June 8, 1910, at Urbana, Illinois.
- 1908 Alta A. Charles, *la*, to William Earl McKeever, *ag*, on June 4, 1910, at Urbana, Illinois.
- 1908 Clyde Hadley Myers, to Fleda DeVere Straight, *la*, on June 28, 1910, at Fonda, Iowa.
- 1908 Fleda DeVere Straight, *la*, to Clyde Hadley Myers, on June 28, 1910, at Fonda, Iowa.
- 1908 Ora Stanley Fisher, *ag*, to Elsie May Taylor, *la*, on June 4, 1910, at Homer, Illinois.
- 1908 Nelle Miller, *la*, to John Glenn Miller, *arch*, on May 3, 1910, at Champaign, Illinois.
- ex-08 Charles Breedlove, *la*, to Frances H. Phillis, on May 4, 1910, at Chicago, Illinois.
- 1909 Elva Maude Pease, *la*, to James Quentine Pettigrew, *me*, on June 17, 1910, at Harvey, Illinois.
- 1909 James Quentine Pettigrew, *me*, to Elva Maude Pease, *la*, on June 17, 1910, at Harvey, Illinois.
- 1909 Pomeroy Sinnock, *ce*, to Frances Maurine Ober, on June 22, 1910, at St. Louis, Missouri.
- 1909 Ethel Nicholas Taylor, *la*, to Daniel Higgins, ex-'06, on June 23, 1910, at Clermont, Illinois.
- ex-09 H. E. Page, to Elsie Wascher, on June 29, 1910, at Champaign, Illinois.
- ex-'09 Julia Post Hubbard, *la*, to William D. Miles, on April 28, 1910, at Urbana, Illinois.
- 1910 Frank Bachmann, *chem*, to Minnie Wells, July, 1910, at Chicago, Illinois.

- 1910 Milton Winfield Thompson, *la*, to Frances L. Price, on June 29, 1910, at Decatur, Illinois.
- 1910 John Reed Fugard, *ae*, to Rena Owen, ex-'10, on June 18, 1910, at Plano, Illinois.
- 1910 William Earl McKeever, *ag*, to Alta A. Charles, *la*, '08, on June 4, 1910, at Urbana, Illinois.
- 1910 John Emmett Layden, *law*, to Hazel Harbert, on June 8, 1910, at Hoopeston, Illinois.
- 1910 George Fulton Zimmerman, *law*, to Julia Gale Barrett, *sp*, on June 27, 1910, at Cincinnati, Ohio.
- ex-10 Rena Owen, to John Reed Fugard, *ae*, on June 18, 1910, at Plano, Illinois.
- ex-10 James A. Grimm, to Julia Eleanor Ketzle, on June 15, 1910, at Reynolds, Illinois.
- ex-11 William Joseph Lorimer, jr., to Ella J. Healy, on May 18, 1910, at Chicago, Illinois.
- ex-13 Clara Blanche Black, to Paul Graham Busey, ex-'02, on June 11, 1910, at Urbana, Illinois.
- sp Julia Gale Barrett, to George Fulton Zimmerman, *law*, on June 27, 1910, at Cincinnati, Ohio.

BIRTHS

- 1898 To George Joseph Ray, *ce*, and Edna Rose Hammers (Ray), *la*, '01, on April 24, 1910, a daughter, Gwendolen.
- 1899 To Frank H. Armstrong, *me*, and Clara E. Pascoe (Armstrong), on September 6, 1908, a daughter, Eleanor.
- 1899 To Daniel C. Ketchum, *la*, and Helen E. Mann (Ketchum), on May 28, 1910, a son, Daniel Reading.
- 1900 To George Richardson Radley, *ee*, and Della Converse (Radley), on June 15, 1910, a daughter, Jane Converse.
- 1901 To Harry A. Coffman, *law*, and Jessie Trotter (Coffman), on June 7, 1910, a son, David Harrison, Jr.
- 1901 To Paul Edmund Lodge, *la*, and Claudia Adams (Lodge), on April 30, 1910, a daughter, Frances Claudia.
- 1901 To Charles W. Franks, *la*, and Mayme Herrington (Franks), on August 30, 1909, a daughter, Sarah Margaret.
- 1901 To Robert W. Martin, *law*, and Henrietta Pitts (Martin), *la*, '02, April 1910, a daughter.
- 1902 To Henrietta Pitts (Martin), *la* and Robert W. Martin, *law*, '01, April, 1910, a daughter.
- 1903 To Mary Henderson (Fletcher), *lib*, and Carl Joshua Fletcher, *ee*, '04, on May 20, 1910, a son, Carl Joshua, Jr.
- 1903 To Charles H. Dawson, *la*, and wife, on March 24, 1910, a daughter.
- 1904 To Lieutenant Thomas Aquilla Clark, *ee*, and Edith Erskine (Clark), on November 2, 1909, a son, William Erskine.
- 1904 To Carl Joshua Fletcher, *ce*, and Mary Henderson (Fletcher), *lib*, '03, on May 20, 1910, a son, Carl Joshua, Jr.
- 1904 To William A. Medill, *law*, and Margaret V. Squier (Medill), on May 7, 1910, a daughter, Margaret Velma.
- 1905 To Duff A. Abrams, *ce*, and Leone Cronkhite (Adams), ex-'10, on May 18, 1910, a daughter.

- 1905 To Mary Frances Moss (Wiley), *la*, and John F. Wiley, on May 20, 1910, a son, Charles Frederick.
- ex-06 To Selah H. North, *ee*, and Clara Peck (North), on May 16, 1910 a son, James Cornelius.
- 1907 To Henry George Treichel, *ee*, and Clara Brahm (Triechel), on May 28, 1910, a daughter.
- 1907 To Albert A. Van Petten, *ce*, and Jessie Gurley (Van Petten), on April 22, 1910, a son, William Douglas.
- 1908 To Roy Elmer Taylor, *ag*, and Grace Murphy (Taylor), *la*, on April 20, 1910, a son, Roy Elmer, Jr.
- 1908 To Grace Murphy (Taylor), *la*, and Roy Elmer Taylor, *ag*, on April 20, 1910, a son, Roy Elmer, Jr.
- 1908 To William Z. Black, *ag*, and Mildred Leas (Black), *la*, '10, on June 29, 1910, a son.
- 1910 To Mildred Leas (Black), *la*, and William Z. Black, *ag*, '08, on June 29, 1910, a son.
- ex-10 To Leone Cronkhite (Abrams), and Duff A. Abrams, *ce*, on May 18, 1910, a daughter.

DEATHS

- ex-04 Clarence Thompson, born June 25, 1880, at Warrensburg, Illinois, died at El Paso, Texas, April 23, 1910.
- 1910 Walter Millard Haskell, *me*, born February 1, 1890, at Sterling, Illinois, died June 25, 1910, at Sterling, Illinois.

DEGREES

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Conferred June 15, 1910

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IN GENERAL COURSES

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FRANCES MILTON MOREHOUSE

FRANCIS HOWARD SWITS
RALPH EARL TIETJE

Without Thesis

RICHARD WOLEBEN BARDWELL
AGNES BARRETT
HERBERT BEBB
BERNHARD AUGUST BEINLICH
IRA JOHN BERKEMA
HANNAH BEULAH BEROLZHEIMER
GRACE JOSEPHINE BLACK
MILDRED LEAS BLACK
ALICE LEDLIE BLAIR
MINNIE JOANNA BOLLMAN
ALIDA CYNTHIA BOWLER
SARA HAZEL BRAND
LELAH BROWNFIELD
WILBER L. BUCHANAN
CLAUDE EMANUEL BURGNER
SARAH MYRTLE CASTILE
MAUD OPAL CESSNA
AGNES BOUTON COOPER
HAZEL IONA CRAIG
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KARL M DALLENBACH
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RANDOLPH EIDE
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RUTH DAVIDA FELMLEY
IRENE MARY FERRIS
ULYSSES SIMON FITZPATRICK
ROBERT BRUCE FIZZELL

HARVEY AIKEN FLANDERS
CICELY SARAH GOFF
NINA VIVIEN GRESHAM
ROLAND WHELOCK GRIFFITH
ADA OLIVE HAGGARD
OBED LEWIS HERNDON
ALMA BERTHA CAROLINE HEUMAN
LUCIE PEARL HICKMAN
INEZ FELTZ HIGHFILL
FANNY WILDER HILL
HENRY ELMER HOAGLAND
ETHEL ANNETTA HOLLISTER
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WALKER FRANCIS HULL
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ERNST OTTO JACOB, B.S.
HELEN DICKSON JAMES
OPAL ROGERS JONES
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AUGUSTA MAY KRIEGER
ERNST THEODORE KREUGER
ZELMA RIA LARGE
MARTHA SERENA LARSON
ELMER ARCHIBALD LESLIE
WILLIAM KNOWLTON McALLISTER
LOLA DEWITT McCLURG
RALPH NICHOLS McCORD
LILABEL McKINNEY
LOUIS BRAWLEY MAYNE
MARY HAZEL MELROSE
GEORGE MORRIS
THOMAS EDGAR MUSSELMANN

ESSIE EDWINA NEAL
 SAIDEE ESTHER NELSON
 CLARENCE EUGENE NOERENBERG, Arch.
 Eng'g.
 FLORENCE MAE PARRETT
 OWEN EARLE PENCE
 REBA NILES PERKINS
 LAURA ESTELLE PIERCE
 ERMIN FAWCETT PLUMB
 FRANK DAVIS PRESTON
 CLARA PRUYN
 AMANDA BARBARA RENICH
 LOUISE HENRIETTA ROSS
 CARRIE LEVERNE RULE
 OTTO WILLIAM SCHREIBER
 BESSIE ESTELLE SHACKELL
 JOHN RAYMOND SHULTERS
 RUTH HUSTED SIGNOR
 HARRY HERBERT SLAWSON
 ELMER ROY STAHL
 LAURA ANNETTA STEPHENS

MILTON LEONARD STEVENSON
 ELDER LOUISA SWANSON
 ALTA CAROLINE SWIGART
 ELE D SWISHER
 WARREN L TALBOT
 FRED REEVES TATE
 DALLA ALICE TAYLOR
 WARD HASTINGS TAYLOR
 MILTON WINFIELD THOMPSON
 NELLIE EDITH TILTON
 NANNIE PEARL TIPTON
 KHOO-DIN SU-PEH TSIANG
 ELKAN TURK
 IRMA ELIZABETH VOIGT
 THOMAS WILLIAM WALTON
 LENA ALTHEA WALWORTH
 MARGUERITE WATSON
 MARGARET WEINBERG
 FLORENCE LEONE WHITE
 HULDA CATHERINE WITTE
 JUEDAN TUN-SHOU ZHEN

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 CHARLES PARKER LEVIS
 PAUL CHARLES PEINE

ALBERT MONROE PERKINS
 HAROLD BERTRAM PROUT
 WILLIAM SEED REDHED

Without Thesis

LOUIS RAYMOND BEAR
 JOHN RENCHIN FORNOF
 DANIEL TILDEN HOSKINS
 ESLEY EBENEZER JOHNSON
 WILLIAM PRENTICE KUHL
 IRVING AUGUST ISAAC LINDBERG
 CHASE WHITNEY LOVE

ROYAL ROSS MOSS
 DAVID PETRIE
 WENDELL PHILLIPS RENNER
 GEORGE WILLIAM SCHOEFFEL
 GEORGE SNYDER WARD
 DONALD FRANCIS WILEY
 CLARENCE FOSS WILLIAMS
 WILLIAM STRONG WRIGHT

IN HOUSEHOLD SCIENCE

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 ETHEL CLAIRE POND
 GEORGE RUTLEDGE
 ARTHUR LLOYD SMITH

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 WALTER ELMER EKBLAW
 CHARLES LYMAN ELLIS
 SANFORD LACKEY GROVE, B.S.
 MARGARET HOPE HALLETT
 MARGARET MAY HERDMAN
 WALTER JACOB KAAR
 CHARLES HENRY KELTNER

HAROLD WILLIAM LYNCH
 NELL ALMA NOLLEN
 CHARLES VINCENT O'HERN
 FRANCIS GERALD GRIFFIN REARDON
 WEBSTER BARCLAY ROSE
 LEROY BRIGGS SHERRY
 LUDLOW JOSEPH WASHBURN
 EVERETT WILLIAMS
 MINNIE YONGE
 ROSE JEANNETTE YOUNG

JOHN BENNETT YOWELL

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ABIGAIL MARIA HESS

HALLIE WALKER HYDE

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 WALTER RAYMOND JONES

EDWIN MORTON MILLER

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 WARNER MADISON HATTREM
 NEHEMIAH WILLIAM HILL

HAROLD STUART INGRAM
 LAWRENCE CHARLES TURNOCK
 CLAUDE LEVERN WAGNER
 FRANK WILLS

IN CHEMISTRY

FRANK BACHMANN
 JOHN HENRY BORNEMANN, JR.
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RUSSELL SAMUEL HOWARD
 RICHARD HANNA LEWIS
 LYNN ANDRE WATT

Without Thesis

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ARTHUR IRVING JORDAN
 HERBERT THOMPSON MCALLISTER
 OLIVER WILLIAM MOJONNIER

OTTO FRED SCHULZKE
 THOMAS EUGENE THOMPSON
 DAVID WALLACE WARNOCK

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 JOHN REED FUGARD
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 ALVIN TRUESDELL TUMBLESON
 LEON FRANCOIS URBAIN
 ROBERT GUY VAN DOREN

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 CHARLES HARRIS
 CARL FREDERIC HASSENSTEIN
 WALTER CARL HEIMBECK
 NOLAN DICKSON MITCHELL, B.C.E.
 University of Arkansas, 1908

HENRY DIXON OBERDORFER
 NOAH WEBSTER OVERSTREET, B.S.
 Mississippi Agr. and Mech. Col., 1908
 ARTHUR TUCKER PORTERFIELD
 JAMES VERNEY RICHARDS

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 MAX ARNOLD BERNS
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 KINGSLEY ABNER BURNELL
 JOHN W BUZICK
 CAMILLO CHOPIN CHRISTENSEN
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 NELSON EARL CRAIG
 PAUL CALVIN CROWELL
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 CLIFFORD ERICK JOSEPH ERIKSON
 IRWIN GLENN FERGUSON
 VICTOR BYRON FREDENHAGEN
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 NATHAN RICHARD HILL
 PAUL FREDERICK JERVIS
 ELMER JUERGENS
 PAUL KAUTZ
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 WILLIAM KOESTNER
 LAZARUS LEVINSON
 CHESTER ARTHUR LORD
 WALTER EUGENE LORD
 MARCUS SANDERS MCCOLLISTER
 DANA QUICK McCOMB
 LEE ALLEN McELHINEY
 WILBUR ROY MANOCK

WILLIAM CHRISTIAN MILLER
 LESLIE EARL MINER
 CHARLES HALVATIOUS MOTTIER
 WILLIAM ATKINSON NORTH
 CHARLES ARTHUR NYE
 HENRY PENN
 EUGENE STRODE PENNEBAKER
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 JOHN WILLIAM THOMSEN
 HAROLD EUGENE TOBEY, B.S.,
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 WALTER MILO GRIFFITHS
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 GOODRICH QUIGG LEWIS
 FLOYD JAMES MACKEY
 HERMAN MOSCHEL
 CHESTER WRIGHT MUNSON
 ROY KENNETH MURDUCK
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 HARRY JOHN PAUL
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 CHARLES CULVER SHIELDS
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 CHARLES M WALKER
 STEPHEN GASKELL WOOD
 AARON WILBUR ZIMMERMAN

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JOHN BLANTON DABNEY, B.S.
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LOUIS AUGUST DUMOND
 WALTER GOTTFRIED STROMQUIST, A.B.
 Bethany College, 1905

IN RAILWAY CIVIL ENGINEERING

NEIL NELSON CAMPBELL

HIRAM EDWARD CROSSLAND

IN RAILWAY ELECTRICAL ENGINEERING

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ORUS ETHAN GATES
CHESTER IRVING HALL

FRANK WYATT HATTEN
LUDWIG KUMMER
HOWELL HIRAM REEVES

IN RAILWAY MECHANICAL ENGINEERING

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WILLIAM RAMBO HANES

JOHN CROCKER MCLEAN

THE COLLEGE OF AGRICULTURE
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ELMER JOHN THOMPSON

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ALPHEUS GUSTIN	LOUIS ROCKWELL
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IN ECONOMICS

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HENRY ELMER HOAGLAND, A.B.
LORINDA PERRY, A.B., 1909

IN EDUCATION

- GARLAND ARMOR BRICKER, B. Ped., Lima College, 1907
WILLIAM HEMPHILL CAMPBELL, A.B., Monmouth College, 1894
ROBERT ALEXANDER CUMMINS, B.S., Illinois Wesleyan University, 1909
JOSIAH MAIN, B.S., 1907

IN ENTOMOLOGY

- HERBERT TIRRILL OSEORN, A.B., Ohio State University, 1909

IN HISTORY

- WILLIAM SYLVESTER ADAMS, A.B., Greenville College, 1907
OLIVER SHERMAN HUBBART, B.S., Northwestern University, 1905
TRUMAN NATHANIEL JONES, A.B., 1909.
ARTHUR CHESTER MILLSPAUGH, A.B., Albion College, 1908
CHARLES MANFRED THOMPSON, A.B., 1909
ESTON VALENTINE TUBBS, A.B., Northwestern University, 1909
SIDNEY WALTER WRIGHT, A.B., 1901

IN MATHEMATICS

- GEORGE ERNEST CARSCALLEN, A.B., Wabash College, 1906
MARGARET ISABEL CHASE A.B., Knox College, 1909
CHARLES ALBERT FISCHER, A.B., Wheaton College, 1905.
CLAIRE VESTA FORREY, A.B., Miami University, 1909
CHESTER HUME FORSYTH, A.B., Butler College, 1906
BENJAMIN GEORGE LEHENBAUER, A.B., James Millikin University, 1909

IN MODERN LANGUAGES

(ENGLISH)

- ZELDA MAUDE AYRES, A.B., Lake Forest College, 1909
MARGARET ESTHER BALLEW, A.B., Hedding College, 1909
VIDA LUCILE COLLINS, A.B., University of Michigan, 1907
ALTA GWINN, A.B., 1907.
JOHN WEBB IRWIN, A.B., Wabash College, 1909
ELEANOR FARRAND PERRY, A.B., 1909
MAX RAVITCH, A.B., University of Missouri, 1909

(FRENCH)

- MARGARET STEEL DUNCAN, A.B., Bryn Mawr College, 1908

(GERMAN)

MARGARET LEWIS BAILEY, A.B., Cornell University, 1903

PHILIP STEPHAN BARTO, A.B., 1906

MARY LOUISE GAY, A.B., 1906

ELEANOR BRYCE SCOTT, A.B., Augustana College, 1909

VINCENT HOLLIS TODD, A.B., Harvard University, 1907

IN PHILOSOPHY

JESSE EDWIN MONCRIEFF, B.S., Shurtleff College, 1909

IN PHYSICS

JACOB GARRETT KEMP, A.B., 1906

IN POLITICAL SCIENCE

WILLIAM EVERETT BRITTON, A.B., McKendree College, 1909

HERMAN GERLACH JAMES, A.B., 1906; J.D., University of Chicago, 1909

IN PSYCHOLOGY

SARA CAROLYN FISHER, A.B., Lombard College, 1909

VERE DOROTHY PERRING, A.B., 1909

IN ZOOLOGY

BESSIE ROSE GREEN, A.B., 1907

MASTER OF SCIENCE

IN AGRONOMY

ORLO DORR CENTER, B.S., 1905

JASPER FAY EASTMAN, B.S., Massachusetts Agricultural College, 1907

CLYDE HADLEY MYERS, B.S., Illinois Wesleyan University, 1907

EDWIN GEORGE SCHAFER, B.S., Kansas State Agricultural College, 1907

IN ANIMAL HUSBANDRY

PAUL ALEXANDER HOFFMAN, B.S., 1909

IN ARCHITECTURE

EDITH LEONARD, B.S., 1906

IN ARCHITECTURAL DECORATION

ARSELIA BESSIE MARTIN, B.S., 1909

IN BOTANY

HAROLD EDWIN STEVENS, B.Agr., University of Kentucky, 1906

IN CERAMICS

BARNEY SIMONSON RADCLIFFE, A.B., Miami University, 1908.

IN CHEMISTRY

JAMES AUSTIN COSS, B.S., Illinois Wesleyan University, 1903

ELZY FRANKLIN DOWNEY, A.B., 1909

FREDERICK WILLIAM GILL, B.S., 1906

HUGH BYRON GORDON, A.B., Miami University, 1908

ANDREW JACOBSON, B.S., St. Olaf College, 1906

FRED WILLIAM KRESSMANN, B.S., 1909

EARLE KENNETH STRACHAN, B.S., Worcester Polytechnic Institute, 1908

IN DAIRY HUSBANDRY

WALTER LEE GAINES, B.S., 1908

NELSON WILLIAM HEPBURN, B.S., 1907

IN ELECTRICAL ENGINEERING

STANLEY PRINCE FARWELL, B.S., 1907

HARRY GRAY HAKE, B.S., 1907

IN GEOLOGY

JOSEPH GLADDEN HUTTON, S.B., University of Chicago, 1908

IN THEORETICAL AND APPLIED MECHANICS

SIMON H. INGBERG, C.E., University of Minnesota, 1909

WILLIS APPLEFORD SLATER, B.S., 1906

IN ZOOLOGY

HARLEY JONES VAN CLEAVE, B.S., Knox College, 1909

CANDIDATES FOR PROFESSIONAL DEGREES IN ENGINEERING

MASTER OF ARCHITECTURE

WALTER THOMAS BAILEY, B.S., 1904

RALPH STEELE SHEPARDSON, B.S., 1897

CIVIL ENGINEER

GEORGE JOSEPH RAY, B.S., 1898

JOHN JEFFERSON, B.S., 1903

JOHN JEFFERSON RICHEY, B.S., 1903

ROY HARLEY SLOCUM, B.S., 1900

CARROLL CARSON WILEY, B.S., 1904

ELECTRICAL ENGINEER

ANTONIO GUELL, M.E., M.S., Louisiana State University, 1907.

LUDWIG GUTMANN, B.S., 1904.

MECHANICAL ENGINEER

JOHN CABELL CROMWELL, B.S., 1886

RAYMOND WILLIAM DULL, B.S., 1897

WILLIAM DOKE SCOTT, M.E., Virginia Polytechnic Institute, 1908

DOCTOR OF PHILOSOPHY

In Chemistry

CLARENCE GEORGE DERICK, M.S., 1909

THOMAS REUBEN ERNEST, A.M., 1908

ALFRED WILHELM HOMBERGER, A.M., 1908

PAUL EDWARD HOWE, A.M., 1907

JOHN ANTON KOSTALEK, A.M., University of Wisconsin, 1908

HENRY ALBRIGHT MATTILL, A.M., Western Reserve University, 1907

IN MATHEMATICS

ELIZABETH RUTH BENNETT, A.M., 1908

IN MODERN LANGUAGES

(ENGLISH)

HERBERT LE SOURD CREEK, A.M., Butler College, 1905

(GERMAN)

WILLIAM CHARLES HILMER, A.M., German Wallace College, 1903

EMMA GERTRUDE JAECK, A.M., 1908

IN PHYSICS

EDWARD BEATTIE STEPHENSON, M.S., Knox College, 1907

ELMER HOWARD WILLIAMS, A.M., University of Wisconsin, 1906

HONORARY DEGREES
DOCTOR OF ENGINEERING

LESTER PAIGE BRECKENRIDGE, Ph.B., M.A.

ISHAM RANDOLPH

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SPECIAL HONORS
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WILLIAM SEED REDHED in Economics

RALPH EARLE TIETJE in English

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IN THE COLLEGE OF SCIENCE

ETHEL POND in Botany

FRANK CALEB GATES in Botany

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FLORENCE LEONE WHITE

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FRANK CALEB GATES

NEHEMIAH WILLIAM HILL

EDWIN MORTON MILLER

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RALPH ROGER BRAMHALL
HARRY CLOW BOARDMAN
ORSON ALLEN CARNAHAN
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EDGAR DWIGHT DOYLE
LAURENCE RICHARD GULLY
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MARCUS SANDERS MCCOLLISTER
WILLIAM ATKINSON NORTH
HENRY DIXON OBERDORFER
BERNARD CARLYLE VAN PAPPELENDAM
HENRY PENN
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MARTHA MATTHEWS

ERNEST DEWITT WALKER
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FREDERICK WILLIAM WESTON

THE UNIVERSITY GOLD MEDAL has been awarded to Herbert Thal Leo.

THE HAZELTON GOLD MEDAL has been awarded to Hays Eckert.

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DOCTOR OF MEDICINE AND SURGERY

CONFERRED JUNE 7, 1910, IN CHICAGO

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 GUY STONE, M.D.
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DOCTOR OF DENTAL SURGERY

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THE SCHOOL OF PHARMACY

GRADUATE IN PHARMACY

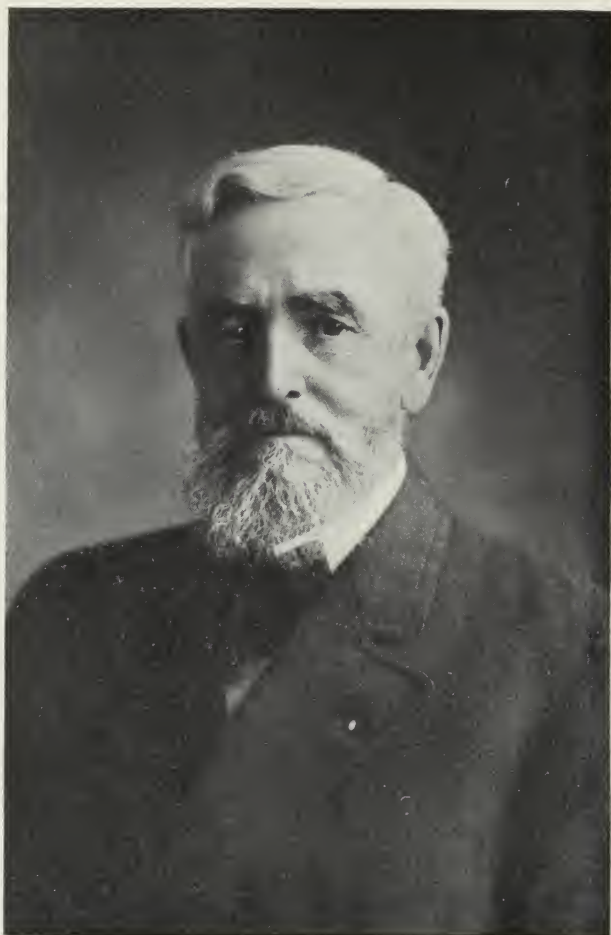
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CONRAD AUGUST BERG	GEORGE ALBERT WILLIAMS	
CENTENNIAL JOHN BOTTOM	ELMER NORRIS WINBORN	
BRYCE CARPENTER	JOSEPH ARNOLD BLATT	
B. ROSS COAL		(Class of '08)
CHARLES CLIFFORD CUMMINGS	LESLIE RAY CRAWFORD	
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WILLIAM PIERCE KNOX		(Class of '09)
CARL WILLIAM LUTZ	URBAN VOLPERT COMES	
LUCIEN DEWAYNE LYONS		(Class of '09)
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JOHN FORREST SCOTT	EDWIN SIDNEY MYERSON	
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BENJAMIN THESEN	VITO PISANI	
ARTHUR B. VANCE		(Class of '09)
CHARLES ELMER WALTER		

THE DEGREE OF PHARMACEUTICAL CHEMIST

HENRY LEONARD VENN

CHARLES ROBERT ZIMMERMANN



WILLIAM LOW PILLSBURY
Registrar, 1893-1910

THE ALUMNI QUARTERLY

OF THE UNIVERSITY OF ILLINOIS

VOLUME IV

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NUMBER 4

ILLINOIS ENGINEERS IN NEW YORK

By E. J. MEHREN, '06

It is a fact quite well known to members of recent classes of the University that very few graduates of the College of Engineering, or indeed, of any of the colleges, go east for employment, and of these not more than three or four of each class settle in or near New York. This condition might lead to the belief that University of Illinois engineers are not prominent in the engineering profession in New York. Such is not the case. It is interesting to note, however, that most of those who hold positions of eminence in the metropolis gained in the west the experience on which their success is founded, and came to New York only after their reputations in their specialties became national. It is significant, too, of the oft heard expression, "New York demands the best," that these men were brought east by New York interests, and, as a rule, did not seek the positions.

One of the best known Illini engineers in New York is Mr. Edward L. Abbott, class of '83. Probably the average engineer, "the man in the street", as it were, would recall him more especially because of his three-year service for the Pennsylvania railroad, investigating the process of freezing the soil as applied to subaqueous tunneling. Yet men who know him intimately will tell you of his work on important projects, on which his word may be final, though his name may never appear in connection with the enterprise. Probably if questioned as to his special lines Mr. Abbott might admit, though not until after much questioning, that he is past master in solving problems relating to the bearing power of soil, to the distribution of enormous building and bridge loads to suitable foundations, and to the handling of unusually difficult foundation and excavation problems. His record with the pneumatic process has been notable.

Mr. Abbott's work as a specialist in difficult foundations is

in a way illustrative of his entire engineering practice; the results are hidden from sight and his name is rarely known in connection with the undertaking. Often he is responsible for the essential idea in plans and specifications which other engineers elaborate and complete. Then again the engineers themselves come to Mr. Abbott for assistance in solving difficult problems, and, when he has cut the Gordian knot his connection with the work ceases, and few know when the project is completed how necessary was his advice. Though his modesty might prevent him from admitting it he is a consulting engineer for engineers. The problems brought to him relate not only to his particular specialty of difficult foundations and excavations, but to such specialties as tunneling, the design and erection of steel structures, the reclamation of swamp land, and water power development.

Another of the University of Illinois engineers in New York who has achieved unusual success is Mr. David B. Carse, class of '84. Owing to his experience in industrial lines, while located in Chicago, he was retained by prominent financial interests in the east to investigate the inner workings of some industrials and make recommendations as to their operation. As a result in 1903 he was put at the head of the Advisory Committee of the United States Steel Corporation, the duties being mainly to keep track of the expenditures of the corporation for improvements and new works.

He resigned about two years ago to give his attention to his own large interests, such as the machinery business of Carse Brothers Company and the engineering work of David B. Carse and Company. The latter organization does a general consulting engineering business, having for its clients some of the leading industrial and mining companies and financial interests. It recently made a very exhaustive report for the city of Jacksonville, Florida, on its utilities, with recommendations as to their improvement.

Mr. Carse has been interested for many years in the utilization of the by-products in the manufacture of coke. He is now affiliated with two prominent German corporations who are the leading manufacturers of refractories, by-product, and gas works machinery in Europe. On their behalf he recently negotiated a contract with the Bethlehem Steel Corporation for the erection of a by-product coke oven plant with a minimum capacity of 3,360 tons of coke per day. It is to be the most complete plant

in the United States for the recovery of tar, ammonia, and other by-products, and will represent a total investment of about \$5,000,000. A coal briquetting plant is to be operated in conjunction with it.

Mr. Charles G. Armstrong, class of '83, builded so well in the west that the east heard of his achievements and demanded his services. He is without question one of the leading power plant engineers in the United States. That he should occupy such a position is not at all strange to those know his record. Not only has he designed and constructed an unusually large number of heating and lighting plants for large buildings and institutions, but he has been the pioneer in many important developments in steam and electrical engineering. As far back as 1888 he designed and built what was then a long distance electric transmission line, eight miles, for electric lighting, and later installed in Milwaukee the first public lighting plant in the United States to use underground long distance transmission for alternating current. Moreover a central heating plant which he designed for an institution at Bloomington, Illinois, set a mark for the transmission of steam, the distance being somewhat over a mile.

To list the large institutions for which he designed or reconstructed plants in Wisconsin, Illinois, and South Dakota would practically amount to cataloguing the state institutions, for he acted as consulting engineer successively for the commissions controlling such institutions in each of the states.

His most notable achievement in New York is the design of all the electrical and mechanical equipment of the famous Singer Building, a structure with forty-seven stories, rising 612 feet above street level. The plant of this building is a model of high class power plant design, utilizing all of the most efficient and economical devices known in the construction of high-class office buildings. The elevators, communicating with the forty-seven floors, are of the traction type, the most interesting development in modern elevator practice, and they utilize, of course, the Armstrong flash light system of elevator signals, indicating to the car operators at what floors passengers are in waiting. They are fitted, too, with one of the best types of safety devices, and telephones in them allow communication between the operator, the starter, and the chief engineer of the building. Ice water, for drinking, is piped to all parts of the building, in addition to the

usual hot and cold water supply, and an attachment to the vacuum cleaning system, for brushing clothes, is placed in each office.

The lighting of the Singer Building tower has set a new precedent for decorative illumination. The lighting of buildings in order to show their outline or architectural features at night has been done heretofore by studding the buildings with electric lights. Mr. Armstrong, however, hit on the idea of illuminating the Singer tower by powerful searchlights placed on the roof of the adjoining structure, and directed upward at the tower. Every detail is thus brought out, and the effect is further heightened by studding the dome of the tower with incandescent lights.

Mr. Armstrong's eminence in his specialties was given official recognition by the city of New York within the past summer when he was appointed consulting engineer for the Borough of Manhattan. In that position he has charge of the erection of the new forty-story municipal building for which excavations are now being made. In this monumental structure he will introduce mechanical features which will add materially to the great reputation he already possesses among engineers all over the country.

Mr. Armstrong has also designed the mechanical features of the United States Express building and the Ansonia Hotel, New York, and of a considerable number of the large office buildings in Chicago. His associate and chief assistant is Mr. Otto E. Goldschmidt, class of '94.

Those who are conversant with New York conditions appreciate that the transportation problem is an unusually difficult one. Manhattan is a narrow island with broad rivers on the east and west, offering easy access to the mainland only on the north. Two railroads enter the city from the north and the others have their terminals on the Jersey shore opposite the city, and transfer their passengers and freight across the river by ferry, lighters, and car floats. This introduces factors in terminal design for the latter roads unknown in inland cities, while at the same time a barrier of trap rock, a continuation of the famous Palisades, makes access to the Jersey shore of the Hudson river expensive. University of Illinois engineers have been prominently identified with some of the important problems arising from these and other conditions in the east,

The Delaware, Lackawanna and Western railroad, an important trunk line carrying a heavy through and suburban passenger business, and an enormous amount of freight, has a tidewater terminal in Hoboken and Jersey City on the west bank of the Hudson river. About five years ago, half of its freight piers and the entire passenger terminal were destroyed by fire. They were rebuilt under the direction of a University of Illinois engineer, Mr. Lincoln Bush, class of '88, at that time chief engineer of the Delaware, Lackawanna and Western railroad, whose efforts for a period of nine years have resulted in the modernizing of this trunk line.

The most decided departure from standard types of railroad structures at the terminal is the trainshed known throughout the engineering profession as the Bush trainshed. The common type of shed generally used is a large steel arched roof spanning all or a large number of the tracks in the terminal. This type is costly, always poorly ventilated and dirty, requires an expensive, cumbersome timber framework on which to erect it, and is difficult and very expensive to maintain. The last is an item of great importance since the engine gases rapidly corrode the steel, which must be repainted at frequent intervals and even then is not preserved. Moreover, if tracks are in service they must as a rule, be out of commission while erecting the arches, due to the interference of the falsework. These difficulties have all been overcome in the Bush trainshed. It consists of parallel lines of low arches, each line spanning two tracks and being supported by columns on the platforms. The arches are just high enough to clear the stacks of the locomotives. Directly over each track is a smoke duct through which the engines exhaust directly into the open air, thus removing the locomotive gases and smoke, and preventing them from being trapped in the shed, to the discomfort of the passengers and the destruction of the steel. Being low the structure is easily painted when necessary, and since each line of arches spans only two tracks, only these two need be out of service while erecting the structure. No temporary timber framing is needed for erection, a simple traveling crane being able to swing the steel work into place.

Mr. Bush is the inventor of a special type of rigid concrete roadbed construction for steam railroad tunnels, subways, and circular tunnel tubes, which has demonstrated its great efficiency and economy in the new Bergen Hill tunnel of the Lackawanna railroad at Jersey City.

The moving on barges and lowering ten and one-half feet by means of huge sand jacks, of a 1000-ton drawbridge at Newark, New Jersey, in 1903, in a period of twelve hours without a hitch, is regarded as Mr. Bush's boldest engineering feat. In this he tempered boldness with caution, left nothing to chance, provided for all emergencies, and showed no lack of courage in his own convictions.

The Hoboken terminal may be considered by most engineers as the best example of Mr. Bush's genius, yet those who have studied one of his later achievements give it at least equal importance. The Delaware, Lackawanna and Western railroad is now building in northern New Jersey a cut-off line which is conceded to be one of the most stupendous engineering feats in railroading. The far Westerner is apt to think that the only heavy work encountered lies west of Denver. Anyone taking that view would do well to investigate the new cut-off, a line twenty-eight and one-half miles long, extending from the famous Delaware water gap to Lake Hopatecong. The line will cost about \$9,500,000 or about \$333,000 a mile of double track, and in order to obtain the low gradients and the light curvature desired it has been placed high up on the sides of the hills and tablelands instead of in the valleys. The excavation amounts to 13,230,000 cubic yards or 464,200 cubic yards per mile. One embankment, which will be three miles long, will vary in height from 75 to 110 feet, and contain 6,600,000 cubic yards of fill. The largest cut contains 760,000 cubic yards. The line will have two large concrete viaducts, 1,100 feet and 1,450 feet long, respectively, with spans ranging from 100 to 150 feet long and from 60 to 110 feet in height. As compared with the old line between connecting points the new line will be eleven miles shorter, the maximum grade will be less than one half and the curvature one-fifth of the old line.

The construction of this line is a lasting memorial to Mr. Bush's genius as a railroad locating engineer, and a tribute to the absolute confidence which the directors of the railroad must have had in his engineering ability when they authorized the construction of the cut-off.

Mr. Bush resigned from the Lackawanna Railroad at the close of 1909 and since then has been engaged in general consulting engineering practice in New York City. In addition to his general practice, he is retained as consulting engineer by a

strong syndicate which has interested itself in the proposed new subways, and also by a firm of contractors doing railroad construction.

Mr. Bush's successor as chief engineer of the Lackawanna is Mr. George J. Ray, class of '98, a remarkably young man for such heavy responsibilities. Previous to promotion to the position of chief engineer he was division engineer of the Lackawanna at Scranton, and had charge of all engineering improvements in that district, including the reconstruction of the line across the Pocono mountains, the construction of new freight and passenger facilities in Scranton, and a large locomotive repair plant of unusually good design.

As chief engineer he has entire charge of the maintenance of the track, bridges, and buildings on 957 miles of main line, extending from New York to Buffalo, and including a number of branches, of the construction of the new cut-off, above mentioned, and of the design of all proposed improvements to track and structures.

Among Mr. Ray's chief assistants is Mr. E. I. Cantine, class of '87, division engineer at Hoboken, New Jersey, in charge of all engineering work and maintenance on existing lines east of the Delaware river. Mr. Cantine is unusually well equipped for handling the problems of the division engineer's office, for during his fourteen years experience on the Northern Pacific railroad he served on location and construction and then in the operating department. Such training gives an engineer mastery of reconstruction problems, where the chief difficulty is not the building of the new structure, but the maintenance of uninterrupted train service. During his incumbency as division engineer, grade crossings have been eliminated through Summit and Newark, New Jersey, the Hoboken terminals have been rebuilt, the Kingsland shops erected, and a great amount of general improvement work completed.

Without question the leading railroads entering New York City from the west are the New York Central and the Pennsylvania lines. The improvements being made by the latter in New York are matters of common knowledge. It is not so well known, however, that the New York Central is spending \$50,000,000 in improving and enlarging its passenger terminal, the famous Grand Central station. Instead of merely increasing the number of tracks and the station building area the company decided

to raze all of its existing structures. On the site thus made available there are now under construction the first buildings of one of the most monumental groups ever planned in the United States. As a member of the firm of Reed & Stem, architects, Mr. Alfred Fellheimer, class of '95, has been associated with this work since its inception. Mr. Fellheimer is an architect by education but his association with this interesting engineering problem justifies including him with University of Illinois engineers.

The site of the new group has a maximum length of about 2,000 feet and a maximum width of 1,000 feet. Within this area will be a railroad yard of forty-two acres, twenty-three feet below street level, and containing seventeen miles of track, and under a portion of it, forty-nine feet below the street, will be another yard, of twenty-four acres, containing ten miles of track. The station proper will be two hundred and ninety feet wide and six hundred and seventy-five feet long, and will occupy the southern end of the site.

When the new terminal was originally laid out it was proposed to leave the yard open, except for the lines of viaducts carrying the streets. This plan, however, soon gave way to a design for converting the space above the tracks into a monumental plaza, open at the north end, flanked on the east and west by low buildings of imposing design, and closed by the station, also a low monumental building, on the south. More recently a still further step has been taken to profit by the available area over the tracks, but, be it understood, without injuring in the least the monumental character of the plaza. It is now proposed to retain the low dignified classic structures facing the open space, but instead of continuing them back therefrom for three hundred to four hundred feet, to erect at the rear, and facing Lexington and Madison avenues, tall office buildings of the most modern construction. Such buildings are in demand at that point, for within the last few years a number of large office buildings have been put up in the immediate neighborhood, and have rented well.

No consideration of terminal improvements at New York is complete without including the new work of the Erie railroad. Under the direction of Mr. A. L. Moorshead, ex-'99, that road is now completing an unusual approach to its Jersey City terminal, a project with which Mr. Moorshead has been associated from its beginning. Like the Lackawanna and West Shore railroads, the Erie now reaches the west bank of the Hudson river through a

tunnel driven beneath the trap rock of Bergen Hill, the fag-end of the Palisades. The Lackawanna recently chose to increase its facilities by an additional tunnel; the Erie, on the other hand, is building a deep open cut in the solid rock, wide enough to accommodate four tracks. These will be used solely for passenger business, a ruling consideration in adopting the open cut, since the smoke of tunnels is decidedly objectionable in passenger traffic. This work will cost \$2,000,000.

Mr. Moorshead's fitness for handling a work of such magnitude is doubtless due to his valuable experience with the Terminal Railroad association of St. Louis, under which as principal assistant engineer, he had charge of the design and execution of the improvements, costing \$10,000,000, in St. Louis and vicinity, incident to the World's Fair.

The strength of the Illini representation in the field of steam railroads at New York has been recounted above. One of the University of Illinois engineers, however, has achieved eminence in an allied line, that of street and elevated railways.

Mr. C. L. Crabbs, class of '90, has been in the service of the Brooklyn Rapid Transit company for the past three and a half years, first as principal assistant engineer, and since June of last year, as engineer of way and structures. As such he has charge of the maintenance and construction on two hundred and sixty-four miles of double track surface line, and on thirty-five miles of double track elevated road. At the same time he has supervision of the signalling systems and of all buildings and structures. Such a position presents an unusual variety of work, and accordingly requires a man of varied experience in design, construction, and operation. Under General William Sooy Smith Mr. Crabbs designed and supervised the construction of difficult foundations; while with the Meropolitan West Side railroad he located and had charge of the construction of a large amount of elevated line, and designed track details and rolling stock; later he had charge of the construction of three and three-quarter miles of water supply tunnel, and for six years prior to coming to Brooklyn was with the Moline Plow company, discharging principally the duties of a factory superintendent, though he had charge, also, of the construction and repair of buildings and other structures.

While a number of University of Illinois engineers in New York have achieved eminence in the civil engineering branch of

railroad work, at least two of them, Messrs. J. A. Kinkead and F. M. Gilbert, have been prominently identified with the mechanical department.

Mr. Kinkead,, class of '93, was for seven or eight years in the motive power department of the Chicago and Northwestern railway, and from there went to the American Locomotive company, Schenectady, as testing engineer. In this capacity he had charge of the testing of all materials entering the construction of a modern locomotive. The importance of this work can be properly estimated only by an engineer who knows the severe strains to which the materials in a locomotive are subjected. It never occurs to a layman that slight changes in the amount of impurities, such as sulphur, carbon, and phosphorus, in steel, or different methods of manufacture, alter the material entirely. The investigation of these variations, however, is very important, and requires a man of sound scientific training and excellent judgment.

Mr. Kinkead resigned from the American Locomotive company about a year ago and is now the New York representative of the Parksburg Iron company.

Mr. Gilbert, class of '87, is mechanical engineer of the New York Central and Hudson River railroad, and as such designs and carries out changes in the construction of the railroad's locomotives, to meet new conditions of traffic or secure greater efficiency.

SERVING THE COMMONWEALTH

DAVID KINLEY

Dean of the Graduate School

The services of the University to the state are in some respects so evident as merely to need enumeration. In other respects, however, they are elusive and hard to describe because they are non-material. For this great institution of learning of ours is, in a general way, doing two kinds of work. It is educating a large number of young men and women, and it is contributing by its investigations in many lines to the material resources of the state. The writer says without hesitation that of the two services the former is the more important. The greater service is to have turned out four thousand young men and women, with higher ideals and standards of life than they would be likely to have without their University education. The influence of such a multitude of educated people is to raise the plane of citizenship and life in the communities in which they settle—in the state, in the nation, in the world. Think of the innumerable lines of activity in which these four thousand and more graduates are doing good service and winning distinction!

Although the University is young, and the number of graduates who have been out twenty years or more is therefore small, so that the number who can reasonably be expected to have attained either fame or wealth cannot be great, it is remarkable that so many of the younger men have already won noticeable success. Not only in Illinois, not only in our own country, but in foreign countries and “the islands of the sea”, we are able to trace the influence of this great educational institution. Not in one line, but in many, have her sons and daughters won distinction, and given an upward impulse to professions and to life. It would be impossible to give a complete list of those who, from this point of view, deserve mention, but some names occur to all of us immediately.

We all think of George Beardsley, and his splendid civic and legal work in his home city; of Judges Going and Neely, who are doing splendid work on the bench in Chicago; of Hugh Graham in Springfield; of Walter Lindley in Danville; of Hugh Green in Urbana; and of many other young lawyers, all of whom are noteworthy figures in the civic life of their communities.

Others will readily come to mind who are bearing aloft the

pennant of old Illinois and doing something for the world in other directions. There is Lincoln Bush, famous among railway men; and Blackall, who has taught the "Hubbites" of Boston to respect the name of Illinois architects. Hempel and Conrad have carried our reputation into South America; Mr. and Mrs. Nickoley and Dr. Maud Nicoll into Syria, Shigetsura, Iida, Ogihara, and P. A. Smith into Japan; Charles W. Young into China, and others in their missionary zeal to the "places far away".

We think of C. A. Shamel, who has made a name for himself in agricultural journalism, as have S. T. Henry and E. J. Mehren in engineering journalism; of W. A. Heath and Frank Vanderlip, one a graduate and the other a former student, who have become powerful in the financial world; of W. A. Abbott, C. G. Armstrong, and Frank Clark, whose names are synonymous with success in their respective engineering lines; of Warren Roberts and Homer Stillwell, of the best type of successful business men.

We look again and we see in the newspaper world the respected names of C. H. Dennis and Edward Pickard, in Chicago; of John Wright in St. Louis, and Grant Gregory of New York; to say nothing of a host of others. In art and literature the names of Lorado Taft and Mary Tracy Earle are written large. In scientific and educational work, we think of Stratton of the Bureau of Standards; of men like Hunt of Cornell, Armstrong of Englewood; of Fry of Washington State University; of Ernest Forbes at the Ohio Agricultural Experiment Station; of Miss Myrtle Sparks, at Ottawa, and President Gibbs of New Hampshire, and Ricker and Talbot and Baker here among ourselves.

Names like these, recalling the varied activities of our graduates and former students, indicate clearly enough the character of the best answer that can be given to the question what the University is doing for the state. It is doing a large work in remolding the life of our people, as well as the life of people elsewhere. This is the most important and must continue to be the largest work.

We are more likely to fix attention upon the contributions of the University to the resources and business life of the state than to the more intangible and less evident results of her purely educational activity. It is easy to point out the saving from our investigations in the weathering of coal, the construction of a railroad or a bridge, or the invention of devices for

consuming smoke, or to boast of Hopkins's great work on the corn kernel and the culture of corn. It is much more difficult to point to any advantage which the average man of the street will appreciate when you tell him, for example, of the hundreds of graduates of the University who are teaching in the public schools. The uplifting of the spiritual and educational ideals of the people is a matter of a generation, and it will be many years before the leavening influence of the University of Illinois on the life of her people in those finer aspects will be clearly felt or readily acknowledged. There is danger, therefore, that too much emphasis will be put upon the incidental things that the University is doing. The principal business of the University is to train young men and young women for their life activities, so that our state will be better for having them. It is only incidentally to her work that she makes new discoveries, constructs mechanical devices, and in various ways adds to the material resources of the state in her research laboratories. There is danger, I say, that too much emphasis will be put upon this work, and there is danger that it will become so important in the minds of the public, and particularly of the members of the legislature, as to interfere with the proper enlargement of, and adequate appropriations for, the educational work. It is not an uncommon thing to hear criticisms of the large appropriations made to the University. The critics forget that the appropriations include large sums intended for work done *at* the University for a direct service to the state in improving and enlarging her material resources, but having no connection whatever with the immediate and primary work *of* the University. The amount appropriated for the educational work of the University is one thing; the total amount appropriated to be used at the University is another thing. Unless some care is exercised, we are likely to find ourselves in the position of having our principal work choked or curtailed from insufficient means, because of too large a proportionate increase of the means devoted to the other kind of work. There is danger, therefore, in urging the addition of new enterprises not properly a part of her educational work at the University.

The State Water Survey, the Soil Survey, the Experiment Stations, the Municipal Research Bureau and other projects of that kind are all excellent and desirable. But unless we are on our guard we shall find that the appropriations assigned to them

loom so large in the mind of the legislature as to make it difficult to get enough for our proper, primary, work.

The University is, first of all, an educational institution. We must guard against its being turned into an experiment station for various interests to too large an extent.

It would be very desirable, if it were possible, to have the appropriations for the work of the University sharply differentiated in the law from those made for the work *at* the University. There is reason to think that our educational work is already suffering from the failure of the legislature and the public to distinguish between the two kinds of service. There is danger that the public will come to look upon us, and that we shall come to regard ourselves, as existing principally for scientific research into the material resources of the state. If it were necessary to choose, it would be better to wipe out every appropriation for Experiment Stations, Water Survey, and other similar projects, than to permit the true educational work of training up young men and young women to useful citizenship to be impaired.

In saying this I do not, by any means, intend to belittle the great things, in various lines, which have thus far been done in the interest of the public in the various scientific bureaus. It is impossible to give a detailed account of the results of all of these even for two or three years past. Moreover, no account can be given in a few words that is not a bare recital of facts and, therefore, likely to be uninteresting, excepting to those to whom everything connected with the University is a matter of importance. At the risk of being tiresome and perhaps boring some readers, I give below a brief summary of the accomplishments in certain lines of our scientific activity. The summary serves to show the wide scope of our activities, as well as its beneficial effects. No one can read this list and then fairly say that from the money point of view the state is not getting "value received" from its appropriations for these purposes.

AGRICULTURE

He would be a foolish man who would venture to enumerate all the services of the Agricultural Experiment Station and the College of Agriculture to the State. The following, however, are among the most important:

1. The substitution of the modern practice of shallow cul-

tivation for deep cultivation of corn. The advantages of this are that the roots are not injured and the expense of cultivation is much less.

2. Extensive physical and chemical analysis of the soil of the state, with the determination of the principal elements of fertility.

3. Soil survey of the state; showing the distribution of types of soil, so that farmers in different localities may know the character and proper treatment of the soil of their farms.

4. Experiments in crop production on the principal types of soil to determine best methods of fertilization to supply natural deficiencies in plain food.

5. Feeding experiments for live stock to determine best method of production.

6. The study of milk production, showing the owners of dairies wherein they are losing money.

7. Establishment of sanitary and proper standards in milk production.

8. Application of best methods of freeing apple orchards from parasites, thereby ensuring a crop.

9. Practicability of local cold storage plants near commercial orchards.

10. Proper grading and packing of fruit for market.

11. Plant improvement by selection and crossing.

CHEMISTRY

Striking examples of the practical results of research in our Chemical Laboratory are these:

1. Effect of weather on coal. The department has determined and will be able to show in a forthcoming bulletin, the conditions that promote loss of heating power of coal exposed to the air and therefore the things to be avoided to prevent it.

2. Coalite. For some years Professor Parr has been experimenting with a view to removing the heavy smoke-producing elements in soft coal so that it will burn without smoke. He has succeeded in doing this and has hopes that in time it will be put on a commercial basis. The product in physical appearance is unchanged, but has properties of anthracite coal. English experimenters along the same lines have produced a coal which is smokeless but their processes alter the physical appearance of the coal so that it looks more like coke.

3. The Parr calorimeter, invented by Professor Parr, of our department of chemistry, is extensively used, and has furnished a means for buyers of coal on a large scale to control the quality of the coal purchased.

PHYSIOLOGICAL CHEMISTRY

1. The department has proven that the cheaper cuts of meat have as high a food value as the more expensive ones from the same animal; that they are just as wholesome, just as nutritious, and in every way just as good, excepting in the matter of gratification to the palate.

2. Dr. Grindley's laboratory has perfected a precise scientific method of roasting meats so as to get the most out of them. The results of this investigation are the basis of a valuable fireless cooking device now manufactured.

3. The nutrition investigations upon man conducted in this laboratory have attracted world wide attention. From them has been derived the largest amount of scientific information on the normal nutrition of man that has been obtained up to date from one continuous investigation. The practical and scientific results of this great experiment are of inestimable value to public health, and all sanitary matters, besides furnishing important contributions to the physiological sciences.

4. The laboratory is making experimental investigations into the results of different kinds of food for steers. In other words, the experiments will do for meat what Hopkins's experiments did for corn: enable us to select it and develop it according to the purposes for which it is to be used; whether for its flavor and palatability, its appearance, its nutritive value, etc.

Scientifically, these experiments will greatly aid in the establishment of laws of animal nutrition that will be of great value in the meat producing industry.

CERAMICS

Among other things accomplished in its four years of existence, the School of Ceramics has done the following:

1. Devised a method of treatment by pre-heating, whereby the deposits of joint clay so common in this state, hitherto thought worthless, are now used to manufacture high grade building brick and other wares.

2. It has devised means for preventing the loss commonly experienced in drying and burning from certain poor clays.

3. It has shown the possibility of replacing tin with a cheaper magnesia in the manufacture of white glazed stone ware, thereby decreasing the cost and improving the quality.

4. It has shown that enameled brick may be made from Illinois clay.

5. It has discovered the method of compounding glazes, which has always been a trade secret.

6. It has designed a new viscosimeter to measure the plasticity of clays.

7. It has designed, constructed, and has now in use, the first kiln for high temperature gases which is successful in giving almost perfect control of temperature.

ECONOMICS

The head of this department has served as a member of the Industrial Insurance Commission and has recently been appointed a member of the State Tax Commission. The department has worked up and recently reported to the Monetary Commission on the subject of the use of credit paper in the United States. The report has recently been published by the Commission.

This department and the department of Political Science are not infrequently utilized by the members of the Legislature and the State government in connection with the investigation of measures before the legislature.

ENGINEERING

The Engineering Experiment Station has devoted itself to the study of engineering problems in several lines. The principal ones are:

1. The strength of materials used in constructive engineering work, including the strength and properties of reinforced concrete, the beam, the column, the floor slab, etc. The Station has determined how the strength of such structures built up of steel and concrete may be calculated, resulting in correct formula for these calculations.

2. Study of roof trusses, has given more accurate formulæ for the weight of roof trusses.

3. Study of chain lengths, has given new formulæ for the design of such chains.

4. Study of high speed tool steels.

5. Another line of investigations relates to fuels, with especial reference to improved methods and processes in the production and use of Illinois coal. The Experiment Station has shown not only how to get the maximum efficiency out of Illinois coal, both in industrial and house plants, but has also shown how that coal may be chemically treated to give it properties of a semi-anthracite nature, and enable it to burn with little or no smoke. The chemical experiments in this line have probably been carried further than anywhere else in the world, although much has been done on the matter in England also.

We have shown the principles that must be observed in the design, construction and management of furnaces in order to get the best results in the abolition of smoke.

6. Study of efficiency of metallic lamp filaments made by different processes.

The Experiment Station has also done considerable work in improvements of electrical and civil engineering; the published result being serviceable in many cases, not only to the industrial manager, but to the householder.

Bulletins have been issued giving the results of the experiments on the subjects indicated, and have contributed largely not only to the progress of the mechanical and industrial interests of the state, but have also been helpful to many industries in teaching them improved processes and eliminating waste.

MINING ENGINEERING

This is our newest department. Already its members have done notable service to the State in connection with the Cherry mine disaster. Professor Stock is a member of the Illinois Mine Investigating Committee, and also a member of the Commission in charge of the State Mine Rescue Stations.

ENTOMOLOGY

Among the important services of the State entomologist in the past few years are these:

1. Methods of treatment of chinch-bugs, and consequent saving of the wheat crop. Experiments on this subject were carried through many years with excellent results.

2. Method of destroying the Hessian fly.

3. Measures for the extinction of the corn root Aphid.

4. Increasing the value of our apple crop by properly developed and applied methods of spraying. The first precise experiments for the prevention of injury to apples by the codling moth and the plumcurculio were made here by Professor Forbes in 1885. His methods have been universally adopted.

5. The establishment of the value of the lime-sulphur treatment for the San José scale.

PSYCHOLOGY

The department of psychology has been working for a year or two on educational problems. The investigations are directed to the needs of the public schools, and will promote our educational efficiency. Several bulletins have been published.

THEORETICAL AND APPLIED MECHANICS

The work of Professor Talbot has attracted wide attention. Much has been done in his investigations of concrete and reinforced concrete and the results obtained have an important and direct bearing on various lines of constructional work. The tests of cast-iron and reinforced concrete culvert pipe have given new and important information on the strength of structures used in railway and highway work. Much has been done, too, in the way of testing large timbers, structural steel columns, and other structural forms.

In hydraulics, valuable information has been found concerning city water works, power plants, etc.

FIRST ANNUAL FALL HOMECOMING

THE GREATEST RETURN OF ALUMNI THAT
ILLINOIS HAS EVER KNOWN

The Illini can come back. They can come from all directions at once, and in astonishing numbers, back to Alma Mater and a jollification that sets new standards of fellowship between the graduate and the graduate to be, between Illinois and all her great family. From California and New York, from Washington and Arkansas and Tennessee, from every state in the upper Mississippi valley, and from every county in Illinois they gathered in for the Homecoming, which was set for October 14 and 15, but which really began two days earlier, and is hardly over now. They came by special train, by trolley, and by automobile. They came to have a rollicking good time, and they had it. They sided with the freshmen at the pushball contest, they sang loud and long at the mass meeting, yelled their voices away as Illinois beat Chicago for the first time in nearly a decade, and heedless of their years, linked arms with their brothers, sons, and nephews in the snake dance down Burrill avenue when the game was over.

The spirit in which the Homecomers arrived was livelier and freer than that which pervades Commencement week, and that spirit was increased by the presence of the undergraduates and the excitement incident to the various undergraduate activities. Consequently the Homecoming did just what it was planned to do, and may fairly be called a success.

Nothing more could have been asked as to weather, except that it might have been cooler. Those who wore their new fall outfits found themselves sweltering in an August or early September temperature, and moving in a haze of dust that made one recall the old county fair. The two towns were decorated with a good many thousand yards of bunting, which was doubtless

sold for orange and blue, and nobody cared if a good deal of it strongly suggested lemon hue. Illinois pennants, bannes, and flags, arm bands, and the great hit of the season in heargear, the homecoming hat, made streets and campus and bleachers a mass of representative Illinois color.

What staggered the old grad, even the one who has come back now and then for commencement, was the overwhelming scale on which affairs are done when all take part. The broad sweep of closely packed bleachers, where six thousand sat in the moonlight and sang the new Illinois Sunset song; the surge and ebb and flow of such a multitude of voices; the vast sea of color and excited good nature in the crowd at the game on Saturday; the cheering; the mad frenzy of excitement when the game was won; the spontaneous singing of the new songs; and over all the ever-present spirit of "Illinois loyalty" constituted a series of revelations to the graduate who has not been back home at Illinois for even four or five years, and gave to all, recent and old, a fresh, new realization of what a potential power our great Fellowship of the Illini has become. If the return to Alma Mater of one-third of all the graduates of Illinois, and two full days of college life in its best and fullest holiday spirit mean anything, they mean that in serving its primary purpose, the Illinois Homecoming was a great success, and is to be perpetuated.

The main features of the Homecoming were the Chicago game, the Alumni-Varsity baseball game, the pushball contest, the mass meeting and the class reunions. In addition to these the special gatherings at the various fraternity homes were an important feature, and another event of special significance would alone have made the occasion noteworthy—the announcement by Pres-

ident James that Francis J. Plym, '97, has established a traveling scholarship in architecture, of the annual value of one thousand dollars.

HANGING IT ON CHICAGO

On Saturday, October 15, the big day of the Fall Homecoming week, Illinois, under the leadership of Captain Butzer, scored the first victory over Chicago in nine years of effort. Seiler, quarterback, and fullback, for the Orange and Blue team, was the lone scoring factor of the game; his drop-kick in the very first quarter netted three points, which represented the only scoring in the contest.

Illinois was all primed to win this game. The spirit was with the team more stronger than any Illini spirit had ever been before; alumni from the earliest classes and players from the earliest teams were back to see the much praised eleven; and more than all, the men were in a condition very near to perfection and Coaches Hall and Lindgren had evolved a bewildering repertory of plays.

Walter Eckersall, who witnessed the game as a representative of the *Chicago Tribune*, said that the Illini outplayed and outgeneraled the Maroons, and that in only one department of the game did the Maroons make a better showing. That was in the kicking. Wilson, of Chicago, punted three score yards with almost perfect regularity. But he came heralded primarily as a phenomenal drop-kicker, and he failed miserably in each of his seven attempts to score, while the Illini score came about just this way, with no preparation in the way of warning through the press reports.

All of the Illini starred. The backs, though light, for Dillon and Bernstein are both mites of chaps in comparison with the opposing backs or their teammates, played fiendishly, carrying the

ball on a forward pass or behind interference on the end runs with a determination that knew no stopping within ten yards. Running back punts was Merriman's particular forte and he starred repeatedly.

Lyons was clearly the best end on the field. He marked his man fiercely, and all the time, while on the offense he was away like a bolt. Twice he carried the ball for great runs, once sixty and another time fifty yards.

Captain Butzer was marked by the Maroon players from the beginning of play and seldom could get away for great gains. But he did break up Chicago's offense time after time and has probably won a secure reputation as the leading guard in the west.

But after all is said the greatest honors are due Seiler. He left the hospital, still weak from an attack of ptomaine poisoning, to do his best for Illinois and that best was greatly better than he had ever done before. The "hang it on Chicago yell" made good.

Illinois Field had never before accommodated such a crowd as that which saw the game on Saturday, October 14, between Illinois and Chicago. Two capacious grandstands were perfectly filled; bleachers built or moved for the purpose were jammed beyond their limits, as far as seating numbers were concerned, and behind the fences that bounded the gridiron were six, and seven, and ten deep—lines of men, and women, too, who stood throughout the game, which, all told, took two hours and fifteen minutes.

Time and again there was illustrated in the game how thousands of persons are swayed by a single incident. Most apt, of all, however, was the demonstration by the crowd following upon Seiler's successful drop-kick. As Seiler stepped back and doffed his headgear a hush settled upon the crowd. Even the thousand and more Chicago parti-

zans were perfectly still, for they feared that Seiler might succeed, while the Illini enthusiasts were dumb with hope. Out of the great stillness one could hear the clicking of the telegraph instruments and now and then the clear sharp command of some one of the scribes.

No one had risen; only the players and officials on the field were standing. But as the ball rose gracefully in the air true to the judgment of the Illini quarterback and then sailed cleanly between the goal posts, the crowd did not wait for the scorer to tell his story, but rose as moved by one impulse and cheered Seiler, and cheered the team, and cheered like a mob gone wild, while the air was literally dotted with Orange and Blue hats, which the freshman and the old grad. come back, threw with like abandon.

And so this crowd of half a score of thousands acted to the end of the great battle. Did not Illinois score by the very method for which the Chicago quarterback was famed? That was generally agreed, and helped mightily to fan the excitement with cheers and yells, truly Illini in spirit. And in this great crowd of cheerers one group would make itself heard above all the others, though but one-tenth as large. That was the "rooters' section", a lot of undergraduates picked for their peculiar rooting ability and attired in Orange and Blue dress in a manner that formed a block "I". It was the most novel and the prettiest decorative scheme that graced the stands on Saturday.

ALUMNI DEFEATED BY 'VARSITY

Friday of Homecoming week was enlivened by a baseball game between the one thousand per cent. champions 'Varsity of last spring and men now famous in professional baseball, who played for Illinois. "G" Huff refused

to play; he would not even umpire.

Despite the fact of their fame, the men who made up the alumni nine were served a decisive defeat at the hands of the collegians. Buzick pitched for the 'Varsity and forced his older opponents to go hitless until the eighth session. They made three runs all told, while Buzick and his support secured just twice that many.

"Herbie" Juul opened the pitching for the alumni stars, but he was wild as a March hare, making the rare record of five free passes and two wild pitches in the three innings that he performed. "Ernie" Ovitiz worked out in the box the next three innings and treated his former teammates much in the manner that he did his old conference rivals. Not a solitary scratch hit could the Illini score and four men fanned during his workout. Carl Lundgren succeeded Ovitiz and got away with only one run scored off of him. The ex-Chicago star got a great hand when he came to bat.

Twist, Kempf, Buñ, and Weber starred particularly. Captain Righter was back, but could not play, and Kempf fitted into his place right handily. "Bobby" Quayle also saw the game from the players' bench, Snejkal, of the freshman team, filling in at third.

Over five thousand people saw the game and the crowd looked as large as the ones we are used to seeing at the Interscholastic week baseball games. The Hobo band helped to brighten up things considerably, and with ideal weather, a good game, and all the players Illini, it was really a delightful affair.

THE HOBO BAND

Though the hobo band, put on by the members of the senior class, was merely intended to be a side feature to the other attractions on Friday, the

first day of Homecoming, it competed strongly, so far as popularity was concerned, with the pushball contest and the 'Varsity-Alumni baseball game. The parade up and down Green street and then down Burrill avenue to and around Illinois Field, brought forth laughter everywhere, and when the ludicrous procession strutted past the stands and bleachers, blackening the faces of those seniors who were in conventional dress, the visiting crowd applauded heartily.

R. J. Jordan led the band in the disguise of a Dutch band leader; on his arm was C. C. Willmore, meant to look like a beautiful young lady. Every conceivable sort of costume was used, including waste-basket hats, barrels, and hobble skirts. A prize for the most comical costume of the day went to two men attired in track suits and barrels.

Not only did the hoboos relentlessly apply the grease paint to the faces of their unpatriotic colleagues, but they sought out Pete, the University chief of police, and Leo G. Hana, instructor in physical training, and bedaubed them generously. Leo was given the first severe hair cut that University men can recall. The consensus of opinion was that 1911 produced the best hobo band that ever made the annual pilgrimage from the Half-Way house on Burrill avenue and Green street, to the bleachers on Illinois Field.

THE INTERCLASS MEET

The Saturday morning attraction was the annual track meet between the four classes of the University. Track Coach Harry Gill wanted to have the cross country run the same morning but had decided a week before the time that the men would not be in a fit condition.

As usual the freshmen won, but this time the margin was narrow and due

the fact that an individual star in the person of Byrd, of Milford, was a freshman competitor.

The result in points as given out by the official scorer, Carleton Trimble, was as follows: freshmen $42\frac{1}{2}$, sophomores $41\frac{1}{2}$, juniors 26, and seniors 15 points.

From the beginning it was seen that the winning of the meet lay between the lower classes, for very few upperclassmen were entered. Leslie Byrd, who starred so finely in the Inter-scholastic meet last spring was the chief hero of the day. He took firsts in the shotput, the hammer throw, and the discus event. A late thought caused him to enter the high jump and he made three additional points there, making a grand total of eighteen, nearly half of the freshman count.

Cortis, a sophomore, won second place, doing the century dash in the very decent time of 10-2, and scoring ahead in the 220-yard dash in 24 flat time. Herrick, Graham, and Kerker tied for third place. All are old time track men and none seemed very intent on exertion to win. Herrick's upset in the half mile was the big surprise of the meet. The time was slow, 2:14, and Spitznagel, a freshman, showed the 'Varsity man to the pole. Herrick reckoned that the new man could not finish, and loafed along until it was too late to win with a sprint. He has done the distance in 1:58, so no comparison of caliber will stand from this race.

All the events, however, were run off in fairly good time, without confusion or delay. Although no records were broken, the meet was satisfactory, and Coach Gill has a good line on the men out of whom he will make a team this year. The excellent showing of the two lower classes indicates that there is plenty of good 'Varsity material coming on.

BAND REUNION AND MASS MEETING

One event planned with the double purpose of entertaining students and alumni and of affording at the same time an opportunity for old acquaintances to meet again, was the band reunion on Illinois Field at dusk on Friday evening. Every old band man who returned was supplied with an instrument and a suit, and, under the leadership of Director Harding, fitted again into his old position in the Military Band. The result was that seventy pieces took part in the concert given in the open air before the throng that filled the bleachers. On the afternoon of the game the band marched upon the field, turned towards the Illinois bleachers and assumed the formation known as the block I. The rooters arose, and with uncovered heads, joined in the singing of Illinois Loyalty, with the homecoming band leading.

The concert on Friday evening was the curtain raiser to the largest mass meeting ever held at the University for the purpose of creating and magnifying a spirit of loyalty and enthusiasm to aid in the winning of an athletic contest. The perfect night seemed more like the close of a day in June than the gloaming of an evening in Indian summer. The east bleachers, which hold more than five thousand, were crowded. After speeches by President James Dean Clark, Colonel Fechet, and others, the new Illinois Sunset Song, composed and arranged by Messrs. Colvin, Drury, and Schrieber, and dedicated to the First Annual Fall Homecoming, was sung by Mr. Drury, while pictures illustrating the song were thrown upon a screen. When he had finished the audience practiced the new song, and the meeting closed with "nine rahs" for the team and a prophetic "Hang it on Chicago".

THE CELEBRATION

When the game was over, only the celebration remained to make the home coming complete. The Illini gathered at seven o'clock at the corner of Wright and Green streets and began the demonstration. And such a celebration followed as few alumni had ever seen. With band, drum corps, and torches of red fire leading, the students marched off down Green street in the snake-dance formation and returned by way of John street to Illinois Field, where everything was in readiness for the first trial of the celebration urn left by the class of 1910 and dedicated to the spirit of Illinois loyalty. The size of the urn did not measure up to the degree of spirit within the celebrators, and consequently no attempt was made to confine the blaze within it. The tribe of Illini executed a war dance with the glow of the fire in their faces, the band was present to add to the volume of sound, and speakers told how the game was won. So attractive was this celebration on Illinois Field that much of the boisterous spirit of the crowd was quelled before a part of them departed for a second celebration in Champaign.

MANY SMALL REUNIONS

Nearly all of the fraternities held banquets or initiations, or both, on Friday evening, and drew back to their firesides an unprecedented number of the older men. No Greek fraternity welcomed fewer than ten, while two or three found room for forty or fifty prodigals. It was noteworthy that the older men returned in large numbers, and in many instances it was they who predominated at the banquets and in the speaking. Indeed, it is safe to say that the most serious business accomplished in connection with the gathering took place in the after dinner meet-

ings at a dozen or more fraternity houses.

The clubs had their old men back, too, and Phoenix got forty of the arisen together for breakfast on Sunday morning. The literary societies kept open house and had delightful reunions, so that, in one way or another, practically everyone who returned was able to meet socially some of the little coterie he knew best as an undergrad.

LITTLE ALUMNI BUSINESS DONE

Few class meetings were held, and there was little to indicate that alumni affairs, *per se* were uppermost in anyone's mind. The classes of 1906, 1909, and 1910 held meetings which were fairly well attended, but they transacted little business except to endorse the homecoming, which they had already done by coming home. A few members of earlier classes got together, but in the main the time set apart for such affairs was spent in some other way.

The only fact which makes it seem probable that the Homecoming may be utilized for the transaction of alumni affairs is that more alumni were here than ever returned at Commencement time.

MORE BUSINESS NEXT YEAR?

Whether more alumni business can be done another time remains to be seen. Hitherto at the annual meetings the alumni have not felt burdened with ideas as to business which ought to be done, and it is hardly likely that two meetings a year will create in the minds of the alumni a more lively conception of what they may do for themselves when they get together than has been aroused by the one meeting. But if some unforeseen spirit of constructive activity should suddenly seize and possess the minds of our graduates, and we should have many matters to talk over and fight out, the fall meeting

could be made to supplement the spring meeting very handily.

Provision should be made, at least, for all of the Homecomers to get together once in the homing period. If we should ever have an organization of class secretaries, they could meet at this time. The solution of the problem of utilizing the Homecoming to the advantage of the Alumni Association and the alumni in general, and, of course, to the University, rests after all with the officers of the Association. No doubt they are conscious of the responsibility and will act.

HOW MANY ATTENDED?

Nobody knows how many came home. That is why this item does not stand at the head of the article. More than seven hundred members of fraternities and clubs returned; two hundred, few of whom were fraternity folk, registered at Alumni headquarters. It seems safe to calculate, therefore, that at least one thousand five hundred graduates and former students came back to Illinois in the three-day period. Perhaps there were many more. It is greatly to be hoped that some means may be devised before next fall whereby a fairly accurate count can be kept.

It was eminently successful, anyway, this homecoming, and plans have already been begun for repeating it a year later. It will, without question, become a habit, especially since Mr. Huff agrees to schedule the best game of the season for that occasion.

HOW THE OCCASION ORIGINATED

The two senior societies, Phoenix and Shield and Trident, are to be credited with the first conception of the Fall Homecoming. These two organizations, after considering the scheme for some time, appointed a committee

to draft a petition to be submitted to the Council of administration asking that two days be set aside for the proposed event. The Council acted favorably on the petition and gave the time from noon on Friday, October 14, till Saturday night following, for the First Annual Fall Homecoming.

The idea, although more or less vague at first, was zealously received by the student body, and much enthusiasm was worked up through the *Daily Illini*. Various plans were proposed and considered, and it became generally taken for granted that an entertainment program of events would be arranged for the benefit of the returning alumni—the chief of which would be, of course, the football game with Chicago.

The effect on the alumni was instantaneous. When word of what was going on at Illinois reached their ears they began to consider a return to the campus of their alma mater. As soon as it was definitely known to them that the homecoming was to be a reality, letters began to pour in from all parts. When it was felt at the University that the alumni were planning to return *en masse*, it was realized that the proposed plan must of necessity be carried out in order to satisfy the potential demand of the alumni. Thus it was that the alumni themselves were in large measure responsible for the carrying out of the idea. Their enthusiasm was reflected back upon the student body, which was set to work preparing to entertain the expected visitors.

The senior societies, having instituted the movement, now resigned their claims to the Illinois Union, which organization has fostered the homecoming since that time. At the beginning of the new college year a committee was chosen from among

the most active and prominent students of the University. This committee was composed of about twenty-five men and was subdivided into smaller committees, each with a definite detail to work out. Almost spontaneously the movement seemed to be an effective basis, a program of events was arranged, and the alumni were communicated with. The real test of the zeal of the student body came when it was proposed to raise money for the incidental expenses of the homecoming by the plan of holding a tag day. Almost three thousand students responded, and tags bearing the words "we are boosting" were seen almost everywhere on the campus. As a result, enough money was raised in two days to buy bunting and programs and to defray other expenses.

The committees which had charge of the Fall Homecoming were appointed by Bryant Bannister, president of the Illinois Union, W. Elmer Ekblaw, chairman of the Fall Homecoming committee, and Carleton Trimble representing Shield and Trident, and Fred Nymeyer representing Phoenix, respectively. They were as follows:

Advertising—F. E. Baer, J. P. Benson and E. G. Brands.

Accommodations—R. C. Scott, W. A. McKnight, E. C. Korsmo, R. A. Walker, Jack Burns, J. V. Stevenson, E. B. Blaisdell.

Program—C. C. Wilmore, C. J. Levey, L. A. Zearing.

Finance—M. T. Harmon, C. W. Fullerton, E. A. White.

Souvenir—W. H. Weber, R. P. Gates, A. L. Hall.

Enthusiasm—F. H. Nymeyer, D. R. Palmquist and W. H. Weber.

Steering—Carleton Trimble, C. J. Rohrer, F. L. Stout, L. E. Fogelson, C. H. Knowles, C. J. Levey, F. E. Baer.

UNIVERSITY FOR THE QUARTER

The days of the University Academy, known in the old days as the "Prep"

Department, are numbered. The **The Passing of the Academy** Board of Trustees at its September meeting took definite action leading to the final abandonment of this long standing institution. At first the University was forced to maintain a secondary school because the high schools of the state were inadequate, and large numbers of the students found it impossible to prepare for college in their home communities. This condition of affairs does not now generally prevail, and the real necessity for the academy is gone. Many of the sons and daughters of the University had their preliminary training here, and these will read of its abandonment with some feeling.

The action of the Trustees contemplates that the academy be discontinued after June, 1912, and that a training school be organized under the direction of the Department of Education. This proposed training school is to resemble the typical high school as nearly as possible, and not more than one-half of the students received shall be above the normal high school age. It is the intention to have the school offer all ordinary high school courses. It is expected that so far as possible the school will be a model one, and that it will furnish opportunities for practice teaching for students in Education.

Beginning on September 1, 1910, the College of Medicine passes under the absolute control of **The College of Medicine** the University. The building and equipment are leased from the holding company at a fixed

yearly rental, and the University assumes entire financial responsibility for the conduct of the college. Educationally, the chief significance of the new arrangement lies in the fact that the University controls the entrance requirements, the character and administration of the curriculum, and all other matters which pertain to educational standards.

The attendance at the last Summer Session of the University showed an enrollment of **The Summer Session** 691, including those at the Biological Station at Havana. The Director of the Summer Season has just made a report of the work of the Session, in which he advocates the continuance of the Session, but presents some radical changes which he thinks ought to be made if it is to subserve the best interests of the students and the teachers of the State. He thinks that more graduate courses should be offered; more men of professorial rank retained for the work of the summer; higher salaries paid to important men; and more money generally expended. He feels, also, that a bonus offered to those who teach, and additional credits offered to those who work during the summer, will be following a precedent set by other excellent institutions, and one which the University may well follow.

Early figures on the number of students enrolled in the University indicate a slight **Preliminary Account of Enrollment** increase over last year. The greatest increase, numerically, is in the College of Agriculture, which on October 1 had

enrolled six hundred and thirty-three, an increase of seventy-seven over last year. The College of Science is next with an enrollment of three hundred and thirty-four, a numerical increase of fifty-six, and a percentage gain larger than that of any other college. The College of Literature and Arts had eight hundred on October 1, compared to seven hundred and fifty-six a year ago. The School of Music and the Library School show slight increases. The College of Law shows a decrease of about twelve; the College of Engineering had enrolled one thousand, two hundred and seventy-five by October 1, 1909, and had this year at that date, one thousand, two hundred and thirty-two, a decrease of forty-three. An official count will not be made until November 1.

The statement of the condition of the Snyder Loan Fund, as presented in the report of the Board of Trustees for September 20, does not speak very well for the business integrity of the beneficiaries of this fund. The total amount of the bequest has been lent to students. Nearly \$4,000 of the principal or about one-third of the total amount, is past due with an additional amount of \$250 of interest due and unpaid. Three members of the class of 1903 still owe the greater part of their loans, with interest also unpaid; one member of the class of 1904 owes the entire sum of \$200 and has so far not paid a cent of interest upon it. Two members of the class of 1905 are on the delinquent list and four members of the class of 1906. Succeeding classes are as bad. It is not that these men can not pay the loan; in most cases they are doing well. They prefer to use their money in some other way than in paying their debts. A promi-

nent business man in Champaign, who has lent money to students, has had a similar experience. A good percentage of the men he has helped do not even pay the interest on the debt or answer the letter which calls their attention to the fact that their notes are due. They give as an excuse, whenever they take the trouble to offer an excuse, that they can use the money they make to far greater advantage by investing it than by paying their debts. As a result really worthy students are prevented from receiving aid because no money has been paid in from which they may draw, or because the experience of business men leads them to put little confidence in the reliability of students.

Colonel E. G. Fechet, for a number of years commandant of the University regiment, severed his connection with the institution October 1. He will remain in Champaign for sometime. He made his last public appearance before the University community on the evening of the mass meeting preceding the Homecoming, where he received a real ovation from the student body. During the years that he has been connected with the University he has become one of the prominent figures on the campus. He has won the love and respect of every one who has been associated with him, and he will always be remembered as a loyal member of the Illini.

The place vacated by Dean Crawshaw, formerly Assistant Dean of the College of Engineering, has been filled by Dean Bawden, of Normal, Illinois.

Dean Bowden received his A. B. degree in 1906 at Denison University later taking the special teachers' course

in Manual Training in the Mechanics' Institute located at Rochester, N. Y. Completing the course at this place he served for four years as Assistant Supervisor of Manual Training at Buffalo, N. Y., after which he attended the Teachers' College of Columbia University, graduating in 1903.

Major Morse, who succeeds Colonel E. G. Fechet as commandant of cadets is in the **Major Morse** active service, coming to the University from Fort Sheridan, where he has been stationed as major of the Twenty-seventh United States infantry.

Major Morse was born in Missouri in the year 1859 and was appointed to West Point in 1880, graduating from there four years later. He was living in Michigan at the time he entered the national military academy. Graduating as a second lieutenant, he was stationed in Michigan and assigned to the Twenty-third United States infantry.

In 1890 he was appointed first lieutenant and ordered to Texas. The same year he was detailed professor of military tactics at the Mechanical College of Texas, retaining this appointment till 1894.

The year of the Spanish war the rank of captain was given to him, and he was ordered to the Philippine Islands, serving as chief ordinance officer of the Eighth corps, which title he retained until a year later, when he was promoted as personal aid to General William R. Shafter. In this capacity he served during the years 1900 and 1901. In 1902 Major Morse returned to this country, being stationed at this time in California with the rank of acting adjutant-general of the state.

The following year he was again ordered back to the Philippines Islands,

insurrections of the years 1903 and 1904. In 1905 he was ordered to the state of Georgia and remained in that locality one year, after which he was ordered to Cuba, leaving with the army of pacification three later. While in Cuba, Major Morse received his present title. Returning to the United States, he was again ordered to Cuba and was present at the evacuation of the island.

He is married and has four children.

On September 29 President James made the main address at the installation of Dr. Frank **President Gives** McVey as president **Address** of the University of North Dakota, Grand Forks, North Dakota.

Professor H. H. Stock, of the Department of Mining Engineering, has been chosen a member of the board of **Professor Stock** arbitration of the **Honored** Illinois Coal Operators Association and United Mine Workers of Illinois. He was instrumental in bringing to a satisfactory conclusion the recent general strike in Illinois among mine workers.

The new volume of the report of the American Historical Association contains a paper by **Professor Larson** Professor L. M. Larson of, the University, on "Old Norse Sources in English History".

Professor Josef Redlich, one of the leading students of political science in Europe, and professor of Constitutional law at the University of Vienna, gave a series of lectures at the University during the first two weeks of October. Dr. Red-

lich is prominently identified with the political situation in Europe, being a member of the imperial parliament of Austria, and of the Moravian legislature.

During the last week in September and the first part of October Professor J. W. Garner, of **Professor Garner's** the Department **Trip** of Political Science, was a member of a party of more than a hundred criminologists and prison experts, who visited the prisons of the eastern and middle states to examine the penal institutions of the country. The trip covered a distance of two thousand miles. Professor Garner went on this investigation as the representative of the *American Journal of Criminal Law and Criminology*, of which he is editor-in-chief.

A recent issue of the *Independent* contains an interesting illustrated article on the play at **Dr. Brooks at** Oberammergau by **Oberammergau** Dr N. C. Brooks, of German department. Dr. Brooks visited the play this summer, and gives a good account of his impressions of the play.

"Elementary Crystallography", a new text book by Professor W. S. Bayley, of the Department of Geology, is meeting with much success. Even though it did not come from the press until too late to be generally considered before the opening of most colleges, it has already been adopted in several.

The book is the result of Professor Bayley's long and wide experience as a teacher of crystallography and mineralogy, and embodies the modern ideas on the subject as they have been pre-

sented from time to time. The book is very attractive and conveniently arranged for class and laboratory use.

"A Description of the Affective Character of the Colors of the Spectrum" is the title of a **Professor Wells** treatise on color psychology by Mr. Newton A. Wells, Professor of Architectural Decoration in the University. It is an interesting resume of a series of experiments on the manner in which different persons characterize the various colors of the spectrum. The article is reprinted from the *Psychological Bulletin* for June, 1910.

Dr. Julius Goebel, Professor of Germanic languages in the University is general **New Educational Series** editor of a series of German texts to be issued by Oxford University Press. Two volumes have been issued: *Die Judenbuche* von A. F. von Droste-Hülshopf, edited by Dr. Ernst O. Eckelmann; and *Minna von Barnhelm* von G. E. Lessing, edited by Dr. Josef Wiehr. Both Dr. Eckelmann and Dr. Wiehr were members of the faculty of the University.

Dr. E. J. Wilczynski has been appointed associate professor of Mathematics at the University of **Faculty Men Go** Chicago. Professor Wilczynski came to Urbana three years ago from the University of California.

The University of Kansas has engaged Professor J. W. Young of the University as head of its mathematical department for next year. Professor Young came from Princeton to the University here, and his work at Illinois has been of high class.

Professor Greenough, former chairman of the department of English in

the University, has taken up his position as assistant professor of the second term at Harvard. This ranking is equivalent to a ranking of sixth year professor at Harvard, owing to their system of having a list term of five years.

The corner stone of Lincoln Hall was laid with very simple ceremonies on Wednesday afternoon, August 10. **Corner Stone of Lincoln Hall** President W. L. Abbott, of the Board of Trustees, presided, and Dean E. J. Townsend, representing President James, spoke a few words for the University. Dr. Charles Davison performed the ceremony of actually laying the corner stone.

The tearing down of the old chimney back of University Hall, which has recently been accomplished, has revived **The Passing of a Chimney** some of the ancient history of the institution. The bricks which were used in its construction had been previously used in two earlier buildings. They were taken originally from the old dormitory which stood at the north of the present baseball field. The bricks were again used in the building of the first greenhouse, and finally found their way into the chimney back of Main Hall, where for many years they served a practical purpose. Recently the chimney has been of no use, and since it was cracking, and likely to be dangerous, it was torn down.

Extensive changes have been made in the quarters of the Department of Architecture including the removal of **Changes in Department of Architecture** the library to a new room made by

throwing the three rooms at the north end of the building into one. This change adds greatly to the library facilities in the department, giving the much needed extension to the shelf room, as well as table space for the use of the books. The wide corridor has been made into an exhibition gallery, the walls having been covered with burlap as a back ground for the exhibition of drawings. A partition has been built at the head of the stairs to separate the stair walls entirely from the corridor, and a large sky light has been placed in the ceiling of the old lecture room, which is admirably adapted for the uses of an architectural studio. The drawing rooms have been equipped with large new tables especially designed for the uses of architectural students. The walls have been almost entirely repainted and the old floor subjected to a general process of renovation.

In the case of Earl C. Voodry against the Trustees of the University, a verdict has been **Voodry Will Case** rendered in favor of the University.

The suit was brought to contest the will of Anna J. Voodry, brought by the contestant, a former student in the College of Engineering.

Mrs. Voodry, who for a while lived in Urbana, died a few years ago, while a resident of Bloomington. She willed her entire estate to a former trustee by the name of Bach, to be held in trust by him, and the income paid to Earl C. Voodry, the only heir, during his lifetime. At his death, the trusteeship was to be transferred to the Trustees of the University and the estate to be controlled by them, the proceeds of this estate to be used for the support of indigent and worthy students. This provision is similar to that of the Snyder fund.

The decision in this case is an im-

portant one, although the fund will not be available to University students until after Voodry's death.

Professor H. B. Ward, of the Choral Society committee, has well under way the program for Preparations for next spring's May the May Festival Festival. The

Chamber of Commerce of Champaign passed a resolution recently which renders the Choral Society secure against loss both in the Christmas Concert and in the May Festival.

The agronomy and soils departments of the College of Agriculture had their annual exhibits at the State Fair Exhibit the State Fair this year in the Dome building. These exhibits showed the results of the experimental plots on the University farm, the soil improvement, and the crop improvement due to plant breeding.

A new and useful feature of the University's equipment is the Administration Library, located in the trustees's room. **Administration Library** adjoining the president's office. The library comprises a complete collection of catalogs, bulletins, and reports from every college in the United States and in foreign countries. The collection has been made during the past year, chiefly, and is the most complete on the campus.

At the request of the Alumni Association the Board of Trustees recently voted to prepare for distribution a sketch of **Sketch of Dr. Peabody** Dr. S. H. Peabody, the second Regent of the University. Mr. W. L. Abbott was also appointed to confer with the executive

committee of the Board of Trustees with regard to a memorial to Dr. J. M. Gregory, the first Regent.

The Chicago Tribune for September 17 contains the following editorial on the State University, which will be of interest to readers of the *Quarterly*:

"The State University, which only a few years ago had but five hundred students and was an utterly negligible factor in public education, begins its new year with ten times that number of students and an instructional, administrative, and scientific force of almost seven hundred. Of these latter, one hundred and twenty-one are new and eleven of professorial rank. The architectural, engineering, and other technical schools have been greatly strengthened by the addition to the faculties of men noted in their several lines.

In a decade the State University, by wise administration and liberal treatment from the legislature, has risen to a place where its graduates command the respect of the world. Illinois men are now to be found in China, in South Africa, in Australia, in Russia, and any place else where high class technical or professional skill is demanded; and where ever they are credit is reflected on their school.

The service which the University has rendered to the farmers of the state is incalculable. There is scarcely a county in Illinois which is not richer and more prosperous for the discoveries and the experiments of its laboratories, and the agriculturist who scoffs at the "book larned farmers" and who opposes appropriations to the University is the man whose crops run the lowest to the acre, and who is being passed in the race by his more enlightened and progressive neighbors".

WILLIAM JULIUS ECKOFF

A brief memorial has been issued as an appreciation of the life and work of Dr. William Julius Eckoff, who died at Newark, New Jersey, on September 29, 1908. Dr. Eckoff was professor of pedagogy in the University in 1894. He was educated in Germany and in New York, where he received the degree of Doctor of Pedagogy from the University of New York in 1890, and of Doctor of Philosophy from Columbia University in 1893. He was made Director del Colegio Nacional at Granada, Nicaragua, in 1883; professor of psychology and pedagogy in the Jersey City High School in 1886; he occupied the same position in the University of Colorado

in 1893. After his service at the University of Illinois he conducted for nine years a private preparatory school for boys at Suffern, New York, and later at South Orange, New Jersey. In February, 1905, he became principal of the South Sixteenth Street School, and two years later of the Oliver Street School, Newark, New Jersey.

In 1894 Dr. Eckoff published a work on Kant's Inaugural Dissertation, and two years later a Herbartian work on Sense perception, which was included in the International Education Series. He was a frequent contributor to periodicals. He had at the time of his death nearly completed a work on Aristotelian Ethics.

EXHIBIT OF FACULTY AND STUDENT MEMBERSHIP

Below is a complete tabulation of the faculty and student members of the University for the year 1909-10. It will be seen that there were in Urbana a total of 3,654 University students and 334 academy students in attendance at the regular session, and 313 at the University summer session, a total in Urbana of 4,301. In Chicago there were 808. The total instructional force at Urbana numbered 403; at Chicago 175; total, 588.

SUMMARY OF STUDENTS, 1909-1910

	Men	Women	Total
Graduate School	236	47	283
Undergraduate Colleges			
Seniors	423	120	543
Juniors	447	130	577
Sophomores	543	129	672
Freshmen	808	239	1047
Specials	260	79	339
	2481	697	3178
Summer Session	456	175	631
Remained, counted above.....	271	47	318
	185	128	313
College of Law			
Third year	41	...	41
Second year	31	...	31
First year	93	1	94
Specials	27	...	27
	192	1	193

College of Medicine

Seniors	137	10	147
Juniors	90	7	97
Sophomores	128	6	134
Freshmen	124	8	132
Unclassified	14	2	16
	493	33	526

College of Dentistry

Seniors	23	2	25
Juniors	43	1	44
Freshmen	36	3	39
	102	6	108

School of Pharmacy

In Pharmacy, seniors	58	1	59
In Pharmacy, juniors	74	1	75
In Pharmacy, specials	27	3	50
Pharmaceutical Chemists, seniors	6	...	6
Pharmaceutical Chemists, juniors	4	...	4
	169	5	174
	3858	917	4775
Deduct counted twice	13		13

Total in University	3845	917	4762
Academy	257	77	334
Total in University and Academy.....	4102	994	5096

UNDERGRADUATES BY COLLEGES, SCHOOLS, AND CLASSES

	Sen			Jun			Soph			Fresh			Spec			Grand T'l		
	M	W	T'l	M	W	T'l	M	W	T'l	M	W	T'l	M	W	T'l	M	W	T'l
Lit. & Arts	78	72	150	69	103	172	89	102	191	145	161	306	22	34	56	403	472	875
Science	50	11	61	46	16	62	52	8	60	81	13	94	12	5	17	241	53	294
Engin.	244		244	275		275	308	1	309	420	4	424	39		39	1286	5	1291
Agric.	48	6	54	56	10	66	94	15	109	161	40	201	184	12	196	543	83	626
Library	3	28	31													3	28	31
Music		3	3	1	1	2		3	3	1	21	22	3	28	31	5	56	61
Total	423	120	543	447	130	577	543	129	672	808	239	1047	260	79	339	2481	697	3171

INSTRUCTIONAL, SCIENTIFIC, AND ADMINISTRATIVE FORCES OF THE UNIVERSITY 1909-1910

In Urbana

Instructors and Scientific Force	388
Administrative Officers	13
Assistants in Administrative and other officers: Clerks, Stenographers, Library Assistants	82
Instructors in the Academy 17 (deducting those counted twice) ..	15

498

In Chicago

Instructors	
College of Medicine	140

UNIVERSITY FOR THE QUARTER

359

College of Dentistry	27
School of Pharmacy	8

175

Total in University 673

SUMMARY

Total Instructional and Scientific Force in University..... 578

Administrative Forces in the University..... 95

Total in University..... 673

Members of Scientific Staffs not part of University but closely allied with it 20

IN URBANA EXCLUSIVE OF THE ACADEMY

	Men	Women	
Professors	52	1	
Associate Professors	17	..	
Assistant Professors	56	3	
Associates	35	1	
Instructors	3	17	
Assistants	78	19	
Graduate Assistants	11	1	
Total	333	42	375
Instructors in Academy	12	5	15
(Deduct 2 counted before)			
Scientific Staff (not counted above).....	12	1	13
			403

IN CHICAGO

College of Medicine

Professors	42	1	
Associate Professors	7	..	
Adjunct Professors	16	3	
Assistant Professors	10	1	
Instructors	52	2	
Assistants	5	1	
Total	132	8	140

College of Dentistry

Professors	11		
Associate Professors	1		
Adjunct Professors	3		
Demonstrators	12		
Total	27		27

School of Pharmacy

Professors	4		
Instructors	3		
Lecturer	1		
Total	8		8
			175
Grand Total	524	54	578

STUDENT LIFE

One thousand freshmen attended the first convocation in the University Auditorium the afternoon of September 21. Dean Clark, President James, and Mr. Ray Warnock, the newly appointed Assistant Dean of Men, gave advice and suggestions to the '14 men. President James extended a welcome on the part of the University and took occasion to congratulate the yearlings on having cast their lot with the Illini tribe. He offered the usual cautions to freshmen and earnestly urged the men to concern themselves with the really important things of college. Dean Clark spoke as the President prophesied he would when he referred to him as the "guide, philosopher, and friend to all college men". His inevitable humor was a bright part of the convocation. Mr. Warnock gave a brief talk in which he urged the freshmen to learn to be content, and pointed out the value of doing only the things which would bring satisfaction. The freshmen cheered the speakers at the close of the convocation.

Two thousand students attended the first Athletic Association mass meeting, held in the Auditorium on Friday night before the game with James Milliken University. The military band of sixty-five pieces and the members of the football team, together with the speakers of the evening, occupied places on the platform.

C. C. Willmore, president of the Association, told of the work and the needs of the Association; Professor Ward spoke facetiously on rooting; Professor Goodenough described the

work of the Conference committee, of which he is chairman; Mr. Warnock made the big hit of the evening when he made clear the relation between "Illinois Loyalty" and "I Wonder Who's Kissing Her Now." Dean Clark took advantage of his opportunity to speak adversely in regard to hazing, and Director Huff made a plea for clean athletics. W. E. Ekblaw told of the Fall Homecoming plans and Bryant Bannister gave the Student Union side of it.

The Student Union has a plan on foot to present a comic opera immediately after the Christmas holidays or at the beginning of the second semester. A committee, consisting of C. J. Levey, L. V. Stevenson and L. J. Zearing, has been appointed by President Bannister to make all arrangements. The music is by Paul Morris, of the University of Wisconsin, and the book and lyrics were written by George Morris, who graduated here last spring. Paul Morris was present at a recent meeting of the Union council and explained the method he advised of putting on the comedy. The members of the Union council are unanimous in their expression of approval of making the comic opera a sure thing. A similar attempt was made last year, but was abandoned.

The first issue of the *Illinois Agriculturalist* made its appearance late in September under the title "Freshman Number". Among the contributors were Dean Clark and Dean Eugene Davenport. L. M. Wakely is editor of the magazine and W. T. Fullenwider is business man-

ager. The staff is composed entirely of students, each of whom is supposed to be a specialist. Future numbers will appear as follows:

Horticultural Number, October 30.

Animal Husbandry Number, November 30.

Agronomy Number, December 20.

Dairy Husbandry Number, January 16.

General Number, February 20.

Household Science Number, March 30.

General Number, April 30.

Senior Number, May 30.

The Student Union and the Athletic Board of Control appointed Ray Sparks head

Getting Cheer Leaders cheer leader at the opening of the football season, giving him the power to try out and select his helpers. Wansbrough and Ramey, freshmen, and Day, a sophomore, were chosen.

A band of sophomores made the night of September 29 as interesting with hazing antics as has any lot

Hazers Fall of second year men that Before Pete have come before them.

Incidentally "Pete" Adams, the time-honored University policeman, played a hand in the evening's sport, capturing two of the hazing crowd red-handed.

Adams entered a house where a crowd of sophomores had gone in quest of freshman material and attempted to corral the whole lot of them. Instantly the hazers became apprised of Pete's presence, however, they sought exit through windows, doors, cellar passages, and everything that offered a way out. The chief of University police made away with two of the sophomore crowd both of whom were expelled.

They are G. G. Bresnahan, of Sterling, a student in the College of Science, and R. D. Harpham, of Havana, a student in the College of Engineering. The departure of these unfortunates has seemed to reduce sophomore inflammation, and the season has been more nearly free from hazing than any fall in recent years.

E. O. Korsimo was elected president of the senior class for the first semester at the election

'11 Class Election held September 28. He defeated M. S. Mason, of Buda, by a vote of 107 to 87. Other officers were elected as follows: Vice-president, D. R. Palmquist; secretary, R. M. Wooley; treasurer, W. O. Gordon; sergeant at arms, Carleton Trimble; football manager, F. J. Foersterling.

The members of the newest class of the University stole a march on the sophomores the

Freshman "Procs" night of September 29 by a rather infantile attempt to post "procs". Very few were seen the morning after the work was done, but there were enough to prove that the yearlings had caught the collegiate spirit. Little notice, however, was taken of the freshman action.

The chapter house of Delta Kappa Epsilon was burglarized the night of

September 19 to **Dekes Robbed** the extent of **By Negro Servant** about \$500. Fifteen suits of

clothes and several watches and small sums of money were taken. Harold Hendricks, of Chicago, was victimized to the extent of five suits of clothes. The Campaign police traced the stolen goods to Kankakee, where they were ready to be shipped to Atlanta, Ga. The

thief, a negro, had been doing odd jobs at the Deke house and executed the burglary after all the Dekes had retired to the third floor dormitory. The goods were recovered and the negro sent to jail.

The *Daily Illini* began its fortieth year of publication on September 20, the second day of the fall registration. **Daily Illini in** fall registration. **Fortieth Year** ter Maxey is editor and R. J. Jordan is manager. The size of the paper is the same as it has been the last two years: eight pages with five 16-inch columns. The make-up, however, is better than any of the *Illinis* that have gone before, and the advertisers are filling thirty of the forty columns. "The Chuckler" has reappeared intermittently in its columns.

John Buzick, the 1000 per cent. pitcher of the 'Varsity baseball team last spring, has returned from **Buzick Is Back** Lynn, Massachusetts, where he was farmed out by the Boston American League team. He has been signed by the Boston team for the 1911 season. Buzick kept up his winning form at Lynn, taking seven victories in as many trials. President Taylor considers him one of the best recruits he has picked up.

The opening of military drill for the present season took place on the afternoon of September 26 when **Military Drill Opens** the first battalion of the University regiment lined up in the Armory with the signal corps and the first and second detachments of the battery.

Major Morse, the new commandant of cadets, gave a short talk to the assembled companies in which he praised the regiment as being the largest and

best student regiment in the list of those in the United States. He gave a cordial welcome to freshmen, and expressed a desire to do all possible for them.

"Herbie" Juul, 'Varsity athlete, and for two years coach of the Illini basketball team, is **Juul Stirs Up Things** the leading **Down South** man in a baseball tragedy (or comedy) which has its scene of action laid at Montgomery, Alabama. Juul has been pitching for the Montgomery ball team of the Southern League Club, and has charged the club owner with negligence in the matter of salary. Juul says he was promised a larger salary than the club owner is allowed to pay by a league ruling. His complaint lies in the fact that he has not received the salary, not because it was larger than the league will confirm. Up to date no settlement has been made and the matter will, in all likelihood, be taken into court for adjustment.

The Y. M. C. A. bowling alleys have again been opened for student use after lying idle for several **Bowling Alleys** months. Members of **Are Opened** the Association are allowed the use of the alleys at one half the customary price. The alleys have been completely remodeled and resurfaced and are in perfect condition. An expert from Chicago spent several weeks in improving them.

Eta Kappa Nu, the honorary engineering fraternity, has pledged the following men from the **Eta Kappa Nu** class of 1911: A. W. Ames, F. J. Foersterling, I. R. Gulley, E. F. Heater, and H. K. Humphrey.

In the early days no one here ever dreamed of enrolling a Chinese student.

In that period of **Chinese Students** our history, China **at Illinois** was held in holy horror; her citizens were "heathen Chinese"; her prospects as a nation, dark as a dungeon. Imagine one of our institution's pioneers stepping into the Cosmopolitan Club today.

He is met at the door by one of the fifty members, a neatly dressed, olive-skinned, almond-eyed, young gentleman with black, shiny hair; he is greeted with a gentle-voiced salutation and politely asked to enter. If he desires to meet the Chinese members of the club, he will be heartily, scarcely warmly, greeted in true American fashion. Although the handshake may not be Rooseveltian or Taft-like—the hand of the Chinese student is remarkably small, slight, cold, long-fingered, even frail—it carries the same significance.

Our early grad. will learn that there are thirty-eight Chinese students enrolled in the different departments. Among these, a few each year are supported by the Boxer Indemnity—twenty million dollars raised by China to reimburse the United States for damage done in the Boxer Outbreak and, upon our refusal, subsequently set aside for educational purposes.

It is interesting to know that the Agricultural college has seven of the students, civil and chemical engineering, three each; railway civil and electrical, two apiece; architectural and railway mechanical, one. Others, members from the land of Confucius, are taking courses in economics, railway administration, education, commerce, and railway transportation. A young woman is registered in education.

According to the classes there are one graduate student, one senior, seven ju-

niors, nine sophomores, and eleven freshmen; the others are specials.

Illinois is not alone in its enrollment of Chinese students; many remain in the far western colleges, some register in the other central state institutions, while others go farther east—to Yale, Harvard, Columbia, Princeton, Dartmouth, Cornell. But Illinois, with thirty-eight, is doing more than any other American university to train the new generation of Chinese in the details of western life, letters, and institutions.

Only one fraternity has begun a new chapter house during the past summer.

That is **Phi Gamma Delta** ma Delta. The **Builds New House** house is located at Fourth and John Streets, Champaign, on the site of the old chapter house. It will be ready for occupancy about February 1. At that time the fraternity annual and banquet will take place. Kappa Sigma and Delta Tau Delta have secured building lots and plan to build within the present year.

Sorority pledge day was held on Saturday, October 8. The rushing season closed at noon and **Sorority Pledges** by 6 p. m. nearly all the pledges had been announced. Following is a complete list:

Alpha Chi Omega—Louise Armstrong, '14, Fenton, Mich.; Frances Busey, '14, Urbana; Beatrice Barker, '13, Chicago; Grace Morgan, '14, Urbana; Nondas Walsott, '14, Urbana; Ida Mae Shotwell, '14, Evanston; Laura Whitmer, '14, Urbana; Nell Carroll, '14, Colorado Springs.

Alpha Xi Delta—Marjorie Elliot, '14, Bushnell; Nell Barnes, '14, Champaign; Mabel Fielding, '14, Champaign, Marcella Nagel, '14, Terre Haute, Ind.;

Abigail Fischer, '14, Genesee; Pearl Lessner, '14, Lanark; Evelyn Fischer, '13, Champaign; Madeline Dryer, '14, Champaign.

Chi Omega—Rachael Kegley, '14, Colfax, Ia.; Ruby Scoggin, '14, Millington; Cora Callagan, '14, Sheridan; Bess Voss, '14, Champaign; Dorothy Glover, '14, Aurora; Clarissa Rinacker, P. G., Carlinville; Gladys Johnson, '14, Chicago; Marguerite Dodds, '14, Joliet; Mamie Kegley, '14, Urbana; Nell Kirkpatrick, '14, Urbana; Mary Berlin, '14, Omaha, Neb.; Matilda Voss, '14, Champaign.

Delta Gamma—Ida Dewey, '12, Rockford; Marie Shuck, '14, Monticello; Helen Gere, '14, Urbana; Doretta John, '14, Clinton, Ia.; Louise Aleschire, '14, Chicago; Florence Smith, '14, Oak Park.

Kappa Alpha Theta—Arcte Evvey, '14, Farmer City; Fay Willerton, '14, Farmer City; Katherine Plank, '14, Chicago; Margaret Sawyer, '14, Newburn, Mo.; Margerite Costello, '14, Ogden.

Kappa Kappa Gamma — Bernice Wright, '14, Brockton; Gertrude Swift, '14, Fresno, Ca.; Elizabeth Knowlton, '14, Urbana; Elizabeth Baines, '14, Urbana; Alice Redhed, '14, Tolono; La Della Strong, '14, Urbana; Eugenia Rutherford, '14, Newman; Ida Gage, P. G., Chicago.

Pi Beta Phi—Henrietta Feallock, '14, Michigan City, Ind.; Margaret Weber, '14, Danville; Helen Lindsey, '13, Topeka, Kan.; Katherine Saxton, '14, Pueblo, Col.; Nina Eberhart, '13, Newton, Ia.; Madge Myers, '13, Mansfield; Phoebe James, '14, Mansfield; Melissa Turrell, '13, Champaign.

Sigma Kappa—Katherine Acer, '14, Medina, N. Y.; Etta Rohrbach, '14, Urbana; Grace Leake, '14, Amboy; Frances Nichol, '14, Urbana; Katherine Chase, '14, Rock Island; Elsa Wintermeyer, '14, Chicago; Emma Schaller, '14, Mendota.

The following men have been pledged by Tau Beta Pi, the honorary engineering fraternity:

Tau Beta Pi Pledges W. C. Caldwell, C. A. Cobb, J. G. Hoefner, F. A. Hagardon, W. Harschman, E. R. Ludwig, B. H. Pistorius, G. P. Sawyer, all '11, and H. F. Wagner, '12.

Fraternities have had, on the whole, a uniformly successful new year. In one or two instances the old chapter roll was sadly depleted, not so much by graduation

as by the failure of upperclassmen to return. The *Daily Illini* on October 18 said editorially: "No one as yet has been able to ascertain whom the fraternities have pledged or initiated. All efforts on the part of Champaign and Urbana newspapermen to get this information have failed. Is the crop so short or of such a quality that it will not bear putting in the markets?"

Following is a complete list of the new men:

Beta Theta Pi: W. H. Dewey, '12, Peoria; J. Ivan Murphy, '14, Urbana; Warren W. Crabb, '14, Delavan; John H. Delaw, '14, Sullivan; H. Nelson Scheeppe, '13, Alton; Frank D. Smith, '13, Peoria; Lowell B. Kern, '14, Watseka; Robert Eisner, '14, Champaign; Strothers Jones, '14, Springfield; Frank E. Woods, '14, Springfield; Roy P. Carson, '12, Peoria; J. P. Coyle, '14, Logansport, Ind.; Paul V. Strehlow, '13, Peoria; T. Lloyd Haines, '12, Chicago; Franklin D. Cundiff, '14, Jackson, Tenn.

Phi Kappa Sigma: L. M. Simpson, '14, Vincennes; E. G. Fairbanks, '14, Chicago; Charles Erhart, '14, Chrisman; Jim Griffner, '13, Champaign; C. W. Creighton, '14, Urbana; J. J. King, '14, Lincoln; E. M. Unzicker, '13,

Sigma Alpha Epsilon: Robert Quirck, '14, Chicago; Howard Mathews, '14, Joplin, Mo.; Edmund Bechtold, '14, Belleville; Roger Stephens, '14, Robinson; Raymond Sheidecker, '13, Sycamore; Zack Chandler, '14, Sycamore; Rudolph Wernsing, '15, Greenview; Robert Moss, '14, Mt. Vernon.

Chi Beta: Robert Elder, '14, Hamilton; Frank M. Keig, '14, Rockford; H. M. Goodyear, '13, Morton; A. S. Rohlfing, '14, Morton; E. M. Harshbarger, '13, Ivesdale; Everett Waters, '12, Jacksonville.

Phi Delta Theta: R. O. Yeager, Danville; P. Butler, Hinsdale; L. A. Pope, Moline; C. R. Gridley, Biggs-ville; A. P. Holbrook, Oak Park; H. A. Amsbary, Champaign; P. C. Knowlton, Memphis, Tenn.; L. Riley, Urbana; P. L. Schlotman, Sheldon.

Delta Upsilon: C. D. Fisher, '14, Chicago; R. R. Thomas, '12, Rockford; J. E. Lewis, '14, Wheaton; R. R. Jardine, '14, Pearsons, Kan.; I. W. Allen, '11, '14, Paris; L. Costar, '13, Chico, Cal.; J. R. Case, Jr., '13, Chicago; J. W. Hanley, '14, Chicago; W. C. Disosway, '14, Sheldon; P. W. Pogue, '14, Findlay; I. A. Madden, Freeport; R. L. Stuart, '14, Davenport, Ia.; C. Hill, '14, Champaign; W. V. Fackler, '14, Champaign; W. A. Johnston, '14, Champaign.

Phi Sigma Kappa: R. Leslie Byrd, '14, Milford; Vernon Essington, '14, Clifton; Oscar Roman, '14, Granite City; H. H. McNeill, '14, Chicago; Chester Crain, '13, Urbana; Pierce Vandercook, '13, Austin; and F. H. Newcomb, '14, Des Moines, Ia.

Sigma Chi: John Ade, '14, Kentland, Ind.; C. E. Ennis, '14, Evanston; G. D. Crittenberger, '13, Anderson; Arthur Levis, '14, Alton; A. Little, '14, Chicago; J. Mathis, '14, Chicago; T. S. Newcomb, '14, Champaign; F. Poston, '14, Crawfordsville, Ind.; W. H. Sellards, '14, Champaign; C. B. Spen-

cer, '12, Champaign; L. E. Spencer, '14, Kansas City, Mo.; G. M. Smith, Kansas City, Mo.; F. F. Searle, '14, Anderson, Ind.; G. W. Robinson, '14, Lincoln; Howard Hare, Chicago.

Psi Upsilon: F. Gibbs, '13, Oak Park; H. Egan, '14, Springfield; B. Acer, '14, Mindina, N. Y.; H. Checkley, '14, Mattoon; W. R. Pudney, '14, Montclair, N. J.; W. Fielder, '14, Chicago; H. Holden, '14, Elgin; Joe Lawless, '14, Carthage; H. Laudeman, '12, Long Beach, Cal.; J. C. Hanley, '14, Chicago.

Kappa Sigma: T. A. Fritchey, '14, Olney; R. P. Hoffman, '14, St. Louis, Mo.; R. A. Spalding, '14, Champaign; G. I. Boone, '14, Sidney; Paul Rummel, '14, Little Rock, Ark.; R. B. Kessler, '14, Robinson; G. P. Megrar, '14, Harvard; J. J. McCoy, '14, Chicago Heights.

Iilus: H. L. Tilson, '14, Naperville; E. C. Boone, '11, Chrisman; C. W. Bloom, '14, Omaha, Neb.; A. C. Strong, '14, Urbana; W. E. Lamb, '14, Gibson City.

Pi Theta: Roswell Field, '14, Chicago; Howard Berger, '14, Woodstock; William Hoskins, '14, La Grange; George Norris, '13, New York; Donald Kayes, '14, Peoria.

Delta Tau Delta: V. Wescott, '14, Chicago; K. V. Root, '14, Kenilworth; A. E. Barradell, '12, Prophetstown; W. P. Munsell, '14, Chicago; F. A. Healy, '14, Austin; P. H. Johnson, '14, Austin; W. W. Hodge, '12, Paris.

Theta Delta Chi: J. A. Hunter, '13, Peoria; J. H. Kendall, '14, Maywood; H. B. Parker, '14, Chicago; J. J. Derby, '14, Chicago; L. B. Hadley, '14, Cambridge; R. E. Risser, '14, Washington; L. G. Hall, '14, Peoria; N. M. Kneisly, '14, Guthrie, Okla.; H. J. Moore, '14, Chicago; L. R. Brown, '14, Mt. Vernon.

Alpha Tau Omega: J. E. Wansbrough, '14, Peoria; L. J. Bunting, '14,

N. Yakima, Wash.; B. S. Pfeiffer, '12, Peoria; W. W. Graham, '13, Monmouth; Ralph French, '14, Winona; R. H. Andrews, '14, Shawneetown; S. Meats, '14, Chicago; B. H. Bloebaum, '14, St. Charles, Mo.; Paul Lower, '14, Chicago; Barker, '14, Springfield.

Zeta Psi: W. W. Bradley, '15, McComb City, Miss.; D. Buchanan, '15, Chicago; S. T. Clafflin, '14, Lombard; C. H. Wescott, '14, Maywood; L. C. Soule, '14, New Orleans, La.; J. H. Tyler, '15, Charleston.

Iris: D. C. Diggett, '13; W. C. Gilmore, '12, Gibson City; H. L. Hendrickson, '13, Rochester, Ind.; W. A. Cope, '13, Tonti; E. G. Hersman, '14.

Tau Lambda: Henry Belting, '13, Urbana; Paul Belting, '13, Urbana; T. Merrill, '13, Beardstown; D. R. Clark, '14, Jacksonville; G. B. Cook, '14, Pekin; F. R. Rueling, '14, Morton; D. Chandler Prince, '13, Springfield.

Phi Kappa Psi: H. B. Coyle, '14, Gridley; W. A. Baker, '14, Springfield; H. M. McCracken, '14, Paxton; D. Lazear, '14, Chicago; W. C. Healy, '14, Rochelle; G. Richmond, '14, Prophetstown; R. Wilson, '14, Kingsley, Ia.; Paul Kerrigan, '14, Michigan City, Ind.

Phi Alpha Delta: H. Norton, '14, Pontiac; L. F. O'Brien, '13; E. Brockmeyer, '13, East St. Louis; A. Arnold, '14, Dayton, O.; L. H. A. Bushman, '13, East St. Louis.

Acacia: W. B. Worsham, '12, Paris; J. W. Simmons, '11, Keithsburg; H. Bartells, '12, Camp Point; S. S. Benton, '11, Forsythe; B. L. Kirk, '12, Centralia; D. D. Kirk, '11, Centralia; J. H. Zearing, Champaign; C. S. Huntington, '11, Onowa, Ia.; H. H. Crawford, '12, Rochester, Minn.; B. S. Hite, '14, Shelbyville; C. H. Cartwright, '13, New Harmony, Ind.; G. L. Norton, '13, Neponset; H. M. Gray, '13, Joliet.

Sigma Nu: E. R. Shipley, '14, Petersburg; E. Kayser, '14, Chicago; R. R.

Rees, '14, Aurora; M. C. Booze, '14, Sullivan; R. H. Miers, '14, Greensburg, Ind.; V. S. Rice, '14, Disco; J. R. McKay, '14, Evanston.

Phi Gamma Delta: H. G. Hungate, '14, La Harpe; H. M. Rice, '14, Gillespie; E. S. Brown, '14, Normal; H. J. Klatz, '12, Peoria; J. J. Pitts, Jr., Bloomington; R. S. Colton, '14, Kansas City, Mo.; W. R. Lackland, Jr., '14, Morton; S. L. Stebbins, '14, Chicago.

The Y. M. C. A. began its active student work for the present year on Monday, a week

The Y. M. C. A. prior to the first day of registration. All trains were met during the week by a reception committee in charge, and new students were assisted in every possible way in their search for rooms and other things incidental to freshman life at the University. The customary employment bureau was maintained during the week, and through its agency, many students were placed in positions where they can earn all or at least part of their expenses in college.

The work of the opening days culminated with a banquet in the Association building on Saturday night. Secretary McKnight addressed the members of the Association the Sunday following.

The campaign for enrollment in Bible study classes, carried on during the third week, resulted in 475 taking up the work. The membership in the Association reaches a total of 756.

The 1911 Memorial Committee has begun work towards collecting funds for the class **Memorial Committee** memorial to the University.

Each member of the graduating class will be asked to subscribe two dollars.

About eight suggestions for the memorial are being considered. These

are: An arch over Green street, a half way house on the south campus, a bust of Lincoln, a memorial tablet of his Gettysburg speech, lamps to be placed in front of the Auditorium, an outdoor bulletin board, and a trophy case for the gym. The last named is looked upon most favorably.

The members of the committee are: C. H. Knowles, chairman; Miriam Gerlach, Eva McIntyre, Marie Scott, Jessie Meharry, E. O. Korsmo, Rex Newcomb, A. B. Dunham, D. R. Palmquist, A. L. Enger, R. J. Jordan, L. Maxey, F. E. Baer, J. P. Benson, C. Trimble, L. A. Zearing, C. C. Willmore, E. B. Fletcher, and H. M. Thrasher.

A special policeman has been detailed for the University district in Champaign. The city policemen have no beats in the student district and the many sneak thieves that have been about this year made such an action necessary. The policeman is paid by fraternities, sororities, and clubs.

The *Illinois Magazine*, which is published in the interest of the best undergraduate literary effort at the University, began an auspicious year with a Homecoming issue. President James, Dean Clark, and C. A. Kiler, '92, contributed to this number.

The staff of the magazine has been increased to ten members. Two new departments have been added: one is humorous in its nature and the other deals with student activities. Illustrations play an important part in the general make-up of the magazine. In size the publication now boasts of sixty pages.

Miriam Gerlach is acting editor during the illness of J. Allan Nevins, and

F. H. Nymeyer is business manager. The other members of the staff are: C. F. Cartright, Marie Goebel, Ruth Llewellyn, C. K. White, J. P. Benson, O. E. Seiler, and Lester Frailey.

At the Junior class election on October 10, John Merriman, of Springfield, won the presidency **Junior Politics** from Frank Leonard, of Metropolis, by a vote of 278 to 68. Merriman is quarterback on the 'Varsity football team. The contest for the rest of the ticket resulted as follows: vice-president, F. C. McNary; secretary, C. W. Gates; treasurer, R. J. Quinn; sergeant at arms, F. D. Murphy; football manager, W. H. Hull.

Members of Illiola and Alethenai, girls's literary societies, are trying to make clear to **Girls Want Visitors** the feminine public that their programs are always held open to everyone. The impression has in some way got about that only members of the societies were privileged to attend. This is wrong; the members of the societies want all the visitors that can come.

The work of compiling the names and addresses for the 1910-1911 student directory has been **Student Directory** begun by the managers, F. H. Nymeyer, '11, and G. F. Wagner, '11. The directory will be ready for distribution about Thanksgiving time.

Freshman caps are a popular form of headgear for the newcomers this year. More than **The Little Green Caps** six hundred caps are being worn and the tiny green "lids" literally dot the campus. They form the most prominent style of headgear, aside from the homecoming hats.

ATHLETICS

FOOTBALL GOSSIP

When football practice started on September 20, the prospect was not particularly bright for the Illini. Captain Butzer, Oliver, and Twist were tied hard and fast with the ineligibleibles because of scholastic deficiencies, and McCleary, one of two star ends, had written that he would not be back. "Bull" Roberts, the smashing half-back of the 1909 season, had given up the idea of football after his physician had told him that he would endanger his life by playing. Roberts had been severely ill with pneumonia and had come out of the siege with a very much weakened heart.

With five star performers taken from the list Coach Hall was met by a difficult problem when he began to round out a team. Material was not lacking, however, and before the Conference season had opened, the "Silent Coach" was happy in the recovery of all his stars, save McCleary. The eneligibles succeeded in removing thei conditions, first Oliver, then Butzer, and then Twist, and Roberts letting the doctor's orders go forgotten, got back into play with a new brilliancy.

THE MILLIKEN GAME

Illinois won from the James Milliken team, of Decatur, by a score of 13 to 0 on October 1, but neither players nor joy in the result. The collegians under their suppoters found much cause for the tutelage of "Jimmy" Ashmore, once an Illini athlete, fought the Illini to a vertible standstill. Ashmore, after the game, said that Soach Hall's men must wereimprove with great strides if they wee to make even a respectable showing against the Maroons. There was little fight in the Orange and Blue players; they fumbled consistently, and all in all their style of football was so

tame that it resembled the playing of high school lads. The real reason, however, was that none of the ineligibleibles had at that time succeeded in getting back into the good graces of the faculty, and the line was made up largely of substitutes.

The game with Drake University, of Des Moines, Iowa, on October 8, was brilliant from the Illinois point of view. The Drake team, while not heavily touted as a possible winner, was not expected to be eliminated to the extent of the zero end of a humiliating 29-0 score, and her poor showing sent the Illini stock soaring. The Illini were able to respond from every standpoint. Mass playing and bewildering open work; punting and the forward pass, all styles of Illinois play were there. Dillon made a great showing at half-back and effectively shattered the reputation for fumbling which he had incurred in the game against Milliken. Butzer was a wonder at tackle and ran with the best of the backs. Roberts was in the game for three quarters and played in his old-time way.

The coaches risked sending Merri-man in despite his injured shoulder and he engineered three touchdowns in twelve and one-half minutes.

The result of the Drake game made Stagg, of Chicago, shake his head, and made University enthusiasts cock sure of "hanging it on Chicago."

TENNIS

Illinois has a new tennis champion. Musselman, the title holder for two years, graduated last spring, and the winner of the fall tournament graduated into the position of champion. Oldfather, of the faculty, won from Wilson McKim in the final round of the championship tourney. Both men play much the same style of game and know each other, for they have played

together in several tournaments, and in the tournaments of the Summer Session met twice in the final round.

The scores in the full match were: 4-6; 7-5; 7-5; 6-4. McKim took the first set rather easily, but the older man strengthened then and took the

next three in consecutive order. McKim resorted to a smashing game which brought him the major part of the applause, which a large gallery gave freely, while Oldfather escaped the lob-points even if not the approval of the lookers-on.

AMONG OUR COUSINS

The report rendered in June by the secretary of the Alumni Association of the University of Michigan, shows many interesting facts. "In the first place", he writes, "it is fitting that the officers of the Association acknowledge to the Alumni our gratitude for these beautiful quarters into which we have just moved from our old room in University Hall. This improvement in our quarters, I feel, should mark a change in our work in the Association—an increase in breadth and scope. Already we have taken certain steps which must affect fundamentally the elationship between the University and the alumni—stimulating the interest of the Alumni in the University, through the organization of local Alumni associations, and the establishment of an Alumni advisory board."

Within the past year the General Association assisted in organizing nine new local associations, and made possible the trip of President Hutchins and others through the West, which was mentioned in a previous number of the *Quarterly*. The repetition of this trip at the expense of the University is planned for this year. The Association expects to organize the Alumni in every county in the state of Michigan. In addition to publishing the *Alumnus*, which in many respects, is the best alumni monthly in the country, the Association also publishes the *University of Michigan News-Letter*, and has undertaken the management of the reunions of alumni at commencement time. The *Michigan Alumnus* publishes an issue of 7,300 copies a month. The financial report is exceedingly interesting. The Association has an annual income of over \$1,000 from the endowment fund, which amounts to practically \$22,000. The total income for the year ending June 1, 1910, was \$10,013.21. The general secretary of the Associa-

tion, who is editor of the *Alumnus*, was paid \$1,814.97.

Subscriptions to the Alumni Fund for the general endowment of Cornell University already aggregate more than \$10,000 annually, and additional subscribers are being obtained every day. The classes of 1909 and 1910, although the latest graduated, lead all other classes. Those classes turned into this endowment their class memorial funds. Each class, from 1870 to 1910, is represented by at least one name, two with more than a score of names of contributors, in the list published in the *Cornell Alumni News* on October 5.

Alumni publications are tending strongly toward the weekly form. Such papers as the *Yale News* and *Cornell Alumni News* have long been known for vigorous and able representation of university and alumni interests. They have been joined by a number of other weeklies within a comparatively brief time. The *Minnesota Alumni Weekly* presents this fall a much more pleasing aspect than it has hitherto offered, especially as to its cover. The second volume of *Columbia Alumni News*, a weekly, promises to have a permanent career. *Old Penn*, which last year became *Old Penn Weekly Review*, acknowledges such prosperity as to encourage the editor to promise a weekly magazine of thirty-two pages at least.

Henry P. Hedges, the oldest living graduate of Yale, has sent a gift of \$100 to be used for some purpose connected with that university. It is notable that of the 31,700 volumes added to the Yale library last year, about one-half were gifts. A new organization representing the class secretaries of Yale is pushing to completion the work of securing the individual records in the Scientific and the Medical School.

In memory of Edward Henry Strobel, Harvard, '77, formerly Bemis professor of law at his alma mater, and at the time of his death, general adviser to the King of Siam, the class of 1877, President Lowell's class, has erected a marble tablet. The memorial was designed by A. W. Longfellow, '76.

Ferris Thompson, '88, has presented to Princeton a fund to build a gateway at University Field. Designs are being drawn by McKim, Mead and White.

There are now twenty-five clubs among the Alumni of the University of Chicago. The latest was organized in August at Anaconda, Montana.

The biennial register of the alumni of Wellesley College, soon to be issued, will be a catalogue of 3894 names.

The general Alumni Association of the University of Pittsburg has just published its first decennial directory. It contains a history of the University and various other matters in addition to the directory.

Amherst's general catalogue, which appears every five years, shows that out of the 5029 persons graduated from the college, 1322 have been ordained clergymen, 754 have been lawyers, 406 physicians, and 460 academic teachers. The number of living graduates is 3236.

The Alumni of the University of Wisconsin have adopted a new constitution, which provides three classes of membership—annual, life, and honorary. Annual members shall pay \$1 a year, to include subscription to *The Alumni Magazine*. Life members must pay a fee of \$20. Associate members consist of those persons who have satisfactorily completed two years of work in the university. They may not

hold elective office, but have all other rights and privileges.

Twenty-five members of the class of 1910 at Wisconsin made the following promise on graduation:

"We, the undersigned, members of the class of 1910, believing that in the establishment of an Alumni Secretaryship at an expense of \$3,000 per year lies the key to the future growth of our athletics; the success of the Wisconsin Union Building propaganda; the trend of legislation affecting the university; and similar conditions and features of university life, do pledge ourselves to pay \$5 October 1, 1910, 1911, and 1912 to the treasurer of the Alumni Association, on condition that the Association provides the remaining funds to make the position assured by May 1, 1911".

The amount of the Memorial Prize in Debate, established at Cornell by the class of '94, is to be increased. Since the foundation of the prize it has had an annual value of about \$25. Within the near future it is the purpose of the class to increase it to \$94. A considerable sum has been subscribed for this object, and already the prize has been increased in value. Beginning with the year 1911-12 the full amount of \$94 will probably be awarded.

The graduate treasurer of Harvard athletics, in his report for the year ending July 30, 1910, shows that the total income from athletics for the year was \$130,562.07, and the total expenditure was \$127,945.99. The sum of \$10,597.99 was charged to improvements; \$31,078.81 to university football; \$15,480.18 to university boat club; and \$11,177.31 to university baseball. Twenty other forms of athletics received support. The largest single item of income was \$88,387.48, receipts from football games.

THE ALUMNI

STILL A QUARTERLY

In the July *Quarterly* certain questions were asked in an effort to obtain the feeling of the Alumni toward a change from a quarterly to some other form of publication. Of the four thousand whom we reached, a grand total of only seventy-five felt moved to express a preference. Those are so few as to discourage any change for the present, and, consequently, the *Quarterly* will, with the next number, begin its fifth volume on the same plan as that on which it has been published for four years. Of the seventy-five who answered, a number accompanied their answers with expressions of cordial appreciation of what the *Quarterly* has been, and is. The *Illini Club Bulletin*, in reprinting the *Alumni Quarterly* letter, said very kind things, such as, "The *Quarterly* is certainly a representative alumni publication, and one of the best that is published in the country. If the high standard and thoroughness of the *Quarterly* can be maintained in a monthly it should be done. The efficiency of an alumni magazine in welding together the graduates of a university, is well known. Let us have a monthly." Six of the seventy-five preferred the quarterly, thirty-three expressed a preference for a monthly only, and thirty-six would be glad to have either a monthly or a weekly. But as we seem destined to continue as a quarterly, we shall try to put the extra efforts which would have been expended on a monthly, had the alumni demanded one, in living up to the praise of the *Illini Club Bulletin*, and trying to make the *Quarterly* not only one of the best, but the best alumni publication in the country.

We trust that this announcement of continued life for the *Quarterly* will be met with ready response in the way of renewed subscriptions; that more alum-

ni will become members of the association; and that before long two thousand, at least, will demand a change to a monthly.

WILLIAM LOW PILLSBURY HAS RESIGNED

Of all the important officers of a college or a university, the registrar wins the least recognition in the world at large, and for his years of patient labor and important work, gets, outside of the circle of his own academic family, the least recompense in renown. But in his own circle, with the ever increasing family of students and graduates he comes in intimate contact and holds a place of peculiar affection and regard. This has been and is especially true of William Low Pillsbury, who resigned his position as registrar of the University on October 1. Mr. Pillsbury had been, up to that time, the only registrar the University ever had. In the period from 1893, he officiated at the beginning of the academic life of 9,300 students, not counting the 1,200 who have matriculated this fall under his direction. From the beginning of the institution, down to the time Mr. Pillsbury became registrar, only 2,945 students had matriculated. With every one of the army of the Illini that has been recruited since that time, Mr. Pillsbury has come in personal contact. No other man connected with the institution can say as much, and no other man connected with the institution will be held in more kindly regard by those who have trod the campus and stood in line at Illinois.

Yet few of those realize that the alert and keen-eyed registrar has been for a number of years the oldest man on the campus—that he taught Edmund Janes James many years ago, and that he is nearly six months older than Vice-President Burrill. Mr. Pillsbury was born November 4, 1838, in the historic

old town of Derry, New Hampshire, where also his mother was born, in 1808, and where she married Stephen Pillsbury, who came from Newburyport, Massachusetts. Mr. Pillsbury was prepared for college in Phillips Academy, from which he passed in 1859 to Harvard College. He received his A. B. from that college in 1863, and his A. M. in 1866. Immediately after receiving his first degree, he became principal of the Model School connected with the Illinois State Normal University, and remained there until 1870. After nine years spent in business, he became chief clerk in the office of State Superintendent of Public Instruction, in which position he remained until the close of 1887, when, after a few months, he became the first secretary of the Agricultural Experiment Station at Illinois. He has consequently been connected with the University for more than twenty-two years, during which time he has been active in many ways. He became corresponding and recording secretary of the Board of Trustees on July 1, 1888. He was the first man called in from the outside to act in that capacity, and he has served continuously ever since. He became the first registrar on September 1, 1893, when the office was created, and he became secretary of the Alumni Association in 1898. When that relationship to the Association ceased in 1908, Mr. Pillsbury was elected an honorary alumnus, which distinction he shares only with Dr. Burrill. He was elected the first president of the Harvard Club at Illinois, and was the first president of the Illinois Chapter of Phi Beta Kappa. Mr. Pillsbury's work has been more largely educational than these facts indicate. He has contributed many articles to school journals; has written historical sketches of the Illinois State Normal University, the Southern Illinois Normal University, and the Uni-

versity of Illinois; has contributed articles to the transactions of the Illinois State Historical society, on Land Grants for Education, and Jonathan Baldwin Turner. These last named articles are important contributions to the history of early education in this state.

The alumni of the University owe a debt of gratitude to Mr. Pillsbury for what he was to them as undergraduates, and for the long service which he rendered to the Association. And every alumnus will feel delight that he is able to retire while still as active and as full of energy and the love of life and work as he was twenty-two years ago. There is no younger man than he among us.

NEW YORK ALUMNI ENJOY OLD FASH- IONED CLAMBAKE

Thirty-four alumni from Manhattan, Brooklyn, the Bronx, Queens and from far away Jersey gathered on the shores of the broad Atlantic about sundown on the evening of July 25th and enjoyed an old fashioned clambake.

It was either Mrs. Kinkead or Grant Gregory who first conceived the idea of the clambake, so that the present administration disclaims any responsibility for the origin of the project, not that it was not a thorough success as far as attendance and enthusiasm goes, nor yet because the clams and the lobsters were not fit; but simply because it was then and there discovered that inlanders do not seem to have a very keen affinity for sea food.

The "bake" was prepared at Feltman's, one of the largest restaurants in Coney Island. Gustav Feltman came to this country from Hamburg in the early sixties and worked himself up to be a first class clambaker and now the poor old fellow is dead. He died this last September as he was revisiting his old home.

The bake, and especially an old fashioned one, consists of stewed clams with drawn butter, broiled lobster, fish, corn, chicken, sweet potato and watermelon. All except the watermelon are placed in individual baskets and covered with hot seaweed. The salt aroma of it all is alluring and you are anxious to commence. But with what? Leave it to the waiters. They come around and "suggest" that you eat the clams first and then the fish, and then the chicken and vegetables and lastly the lobster.

The majority of us liked the chicken and the corn and the sweet potato; but somehow we couldn't stand the clams and the lobsters. Mrs. Dr. Patton, who is strong for Chicago, her natal place, and Mrs. Eddie Mehren vowed they could never become used to clams, and Mrs. Greene, who spent her infantile days in Egypt along the shores of the Ohio, declared that the lobster did not taste anything like her crayfish she used to catch in the seep water.

But all of us slaughter the watermelon. None, however, could shave the rind as clean as Dave Carse. Poor Dave! he sat next to Grant Spear. Spear felt his thirst waxing shortly after the salt steam of the baskets had reached his nostrils and ordered a pitcher of frothy beer. Dave, you know, comes of a long line of teetotalers and that's why he runs so naturally to watermelon.

After the bake had been disposed of, all present repaired to Steeplechase Park and took in all the funny stunts in that great amusement place. Towards eleven o'clock, all gathered about an orangeade stand and drank a bumper to the good old college days and gargled their throats with a good old Illinois yell.

Those present were: Charles G. Armstrong, D. H. Chester, O. M. Holder, Mrs. Holder, G. B. Barack-

man and Mrs. Barackman, Dr. and Mrs. J. Allen Patton, Miss Patton and Mr. Durbow, D. T. Weatherhead, N. R. Porterfield, Mr. and Mrs. Harvey C. Wood, Mr. and Mrs. J. A. Kinkead and Miss O'Hara, C. R. Dewey, Miss Hall, R. M. Smith, Mrs. Smith, W. A. Rothgeb and Mrs. Rothgeb, Mr. and Mrs. H. W. McCandless, Mr. and Mrs. Grant N. Spear, W. A. Boyd, D. B. Carse, Mr. and Mrs. Ed. J. Mehren and Mr. and Mrs. C. T. Greene.

The Association is to have a great meeting on November 5, and has engaged for that evening Healey's Assembly Rooms, at Columbus Avenue and Sixty-sixth Street, and expects to have it converted into a portion of the old campus for that occasion.

This first meeting of the fall is to be set down in the annals of the Association as an annual campus jollification. Ragan, who used to be a member of the University band, is arranging a musical program, and he has promised to rehearse a quartet of lusty alumni singers who will render the old songs, and Mrs. Schoonhoven is to give some monologues. There will be music for dancing, and towards ten o'clock, a light luncheon will be served.

The weekly luncheons are now being held in Kalil's Rathskeller, on Park Place, just off Broadway. Any Monday noon you will find some of the old Illinois fellows there. Make a habit of dining with your school-day comrades.

A LITTLE ADVICE

In the *Quarterly* for April, Mrs. Violet Jayne Schmidt pointed out that there is no feeling of unity or solidarity among the six hundred women at the University, and found in the fact of co-education itself the fundamental reason for this lack. "The girls are

only a small part of the University; and they cannot feel the same enthusiasm over their own athletic teams and exclusively feminine social affairs that they can over the 'Varsity football games and the mixed parties of men and women. They are overshadowed by the masculine element in the University life."

No article which the *Quarterly* has printed has received more approbation than this one by Mrs. Schmidt. It has remained for one of the sororities to give the most direct confirmation of the view expressed in the quotation just cited.

In a leaflet issued by one of our sororities in July, the second paragraph reads: "The most prominent thing of the year is our record in baseball. Our team has played fourteen games and been victorious in each. This is an unusual record for any school and we glory in it more because of our double victory over Chicago, one of Illinois' most hated rivals. We have won the championship of the west, finishing with a percentage of one thousand per cent". And the last paragraph of the page given to "The College" announces that "Everyone is now looking forward to the intercollegiate athletic conference, to be held here this month."

It should be understood that "our record", "our double victory", and "we have won the championship", refer not to the sorority nor to the women of the University, but to the men. With due deference to the proprietary rights of this sorority which are, of course, shared by the other sororities, we urge upon the young women a careful and prayerful consideration of what Mrs. Schmidt has written.

GOLDEN GATE MEETING

One of the prettiest spots in central California is Mills College, located about two miles east of Oakland. The

campus includes two hundred acres of rolling land nestling among the hills, and landscaped most effectively with the trees common to this district, including some magnificent specimens of wide-spreading oaks. The college is open only to women students, and is attended by the daughters of those about the bay who are most prominent socially.

It was to this beautiful spot that twenty- two former students of the University of Illinois went on Saturday afternoon, August 27, at the invitation of Miss M. L. Trimble, head of the Household Science department of the college. After gathering at the cottage where Miss Trimble is at home, the party was conducted over the campus and through the buildings, the library especially receiving much favorable comment. Returning to the Household Science department Miss Trimble demonstrated to everyone's satisfaction that her profession is most practical by serving a very delicious luncheon. The following were present: Miss Stella Bennett, F. M. Bumstead, Mrs. J. O. Davis, R. D. Falkner, Mrs. L. E. Forsyth, Miss Cora J. Hill, Prof. and Mrs. Horn, Miss Johnson, Mr. and Mrs. Lemme, Miss Elizabeth Lowry, Mr. Martin, Miss Mann, Mr. and Mrs. Tait, Miss Trimble, Miss Clara Trimble, Mrs. Trimble, Miss Weir, Prof. Woodworth, R. C. Woodmansee.

It is only proper to mention that Mrs. Forsyth and daughter came up from Gilroy, and Mr. Martin from Vallejo especially for this affair.

There are about fifty former Illinois students living about San Francisco and vicinity. Why should they not make an effort to meet at some of the city restaurants each Saturday noon for lunch? There are five or six who would be there always, and occasionally several times as many. Be-

sides offering all a chance to get better acquainted, it would give the visitor a sure means of meeting some one from the old home. If anyone is in favor of the idea please drop a postal to R. C. Woodmansee, University Library, Berkeley.

MUCH ARDOR IN PEORIA

To the accompaniment of strains of "Illinois Loyalty" and other college songs and yells, says the Peoria *Star* of September 17, the alumni and former students of the University of Illinois gave President Edmund J. James a typical "Hu-rah-rah" welcome at the Creve Cœur Club last evening where the noted educator was the guest of honor at the annual banquet of the Illini Club of Peoria.

About seventy-five banqueters were present, including a number of prospective first year men, and several well known educators and men of affairs who were guests of honor and occupied places at the speaker's table. It was President James' first visit to Peoria in the capacity of head of the great state university and the reception accorded him not only by the Illinois men, but by the business men of the city could not have been more enthusiastic. He was accompanied by the muchly beloved "G" Huff, director of athletics, maker of Illinois's many record-breaking baseball teams, and Prof. James M. White, a member of the Illinois faculty, a former Peoria boy, and son of Prof. White, who for years was the leading educator in this city and for whom the White school was named.

Dr. James, as the guest of honor at the Illini Club banquet, was given a lively greeting when he rose to speak on the subject of "Our University."

George T. Page, a member of the

Illini Club, and Democratic candidate for University trustee, presided as toastmaster and introduced in turn George ("G") Huff, who told the Illini clan something about what the Illinois athletic teams have been accomplishing; Clyde E. Stone, formerly member of the football squad; Girard T. Smith, superintendent of Peoria schools; Dr. George Zeller, superintendent of Bartonville Insane asylum; Prof. T. C. Burgess, dean of Bradley Institute, and Prof. James M. White.

Before the program of addresses the election of officers was proceeded with, Lawrence Larson being elected president for the ensuing year, with Miles Fuller secretary-treasurer.

Those at the speakers' table were: Dr. Edmund J. James, George T. Page, Albert Triebel, H. W. Lynch, Girard T. Smith, Major James R. Fuller, George Huff, Prof. James White, Lawrence Larson, Prof. T. C. Burgess, E. F. Baldwin, Dr. George Zeller, George Jobst, Clyde E. Stone.

MINNEAPOLIS-ST. PAUL CLUB IS MOVING

The first regular meeting of the University alumni in the Twin cities of the north was held in the Commercial Club rooms of the Radisson Hotel in Minneapolis, October 15. Since last summer, when a picnic was held on the banks of the Mississippi, an attempt had been made to gather the names of all alumni in the vicinity, so that a permanent organization might be effected. Temporary officers were appointed at the picnic, and at the fall meeting a constitution was adopted and officers were elected for the coming year. The Secretary was instructed to send a night letter to the President of the University of Illinois expressing the cordial greetings of the club on the occasion of the first Fall Home coming.

Thirty-five members and members-

in-law of the new organization were seated at the banquet. The toastmaster was Dr. S. Marx White, who cleverly introduced the toasts to the Lady members, Country members, and Members-in-law. Illinois songs were sung, and a rousing cheer was given when the news from the Chicago game was made known. A very pleasant social evening was spent in renewing old acquaintances, and forming new ones. The newly elected officers are:

Dr. Robert Williams, '96, president; F. W. Rose, '03, vice president; Ernest Levertton, '04, treasurer; Harriet E. Howe, '02, secretary, and one other member of the executive board appointed by the president, J. O. Cederberg, '09.

The following former students were present:

Mr. and Mrs. E. Levertton, Dr. and Mrs. S. M. White, Dr. and Mrs. Robert Williams, Mr. and Mrs. M. H. Kavanaugh, Mr. and Mrs. A. Nydegger, Mr. and Mrs. Ralph Mather, Prof. and Mrs. J. T. Stewart, Mr. and Mrs. J. W. McMannis, Mrs. M. M. Wilcox, Miss Harriet E. Howe, Miss Blanche M. Seeley, Miss Leora Mabbitt, Miss Minnie Sears, Messrs. W. F. Burrill, John I. Purcel, Howard C. Libby, Harry H. Burgess, Joseph McCoy, George W. Redfield, J. O. Cederberg, N. M. Fletcher.

ST. LOUIS ASSOCIATION MEETING

The St. Louis Association of Alumni of the University of Illinois met on the evening of July 30, at Suburban Gardens. About fifty people were present, and enjoyed an excellent dinner, and a delightful evening. Dean T. A. Clark of the University, was present, and gave a short talk on "College Loyalty". He was followed by H. F. Merker, '98; Bruce A. Campbell, '00; Charles P. Webb, '12; F. M. Cayou, ex-'03; P. K.

Johnson, '09; L. M. Perrin, '07; and Judge J. B. Messick, of East St. Louis, Illinois. Will A. Reiss, '72, presided at the dinner, and Louis C. F. Metzger, '05, had general charge of affairs.

Among those present were: Heber Robarts, ex-'73, and Mrs. Robarts; F. O. Palmeyer, '05, and Mrs. Palmeyer; A. G. Schutt, '05, and Mrs. Schutt; H. T. Merker, '98, and Mrs. Merker; Mrs. W. T. Hays, Lima, Ohio; Bruce A. Campbell, '00, and Mrs. Campbell; George Renard, '11; Charles P. Webb, '12; Roy Garrett, '10; DeWitt Billman, '12; Stanley Krebs, '10; Clyde H. Hunter, '10; H. Mohr, ex-'10 and '12; F. M. Cayou, ex-'03; W. E. Britton, '10; J. H. Hewitt, '02; Carroll Smith, '01; E. Taylor, L. M. Little, '99; C. H. Bothwell; Frank M. Byers, '08; Herman G. Wangelin, '11; C. O. Fischer, '06; J. J. Walledom, '09; T. M. Davidson, '05; J. B. Messick, jr., '09; F. W. Galhuly, '07; J. Norman Jensen, '06; Louis R. Kelly, '09; Francis C. Bagby, '07; Will A. Reiss, '72; Louis C. F. Metzger, '05; L. N. Perrin, '07; and Judge and Mrs. J. B. Messick, of East St. Louis, Illinois.

SUMMER SIESTA IN WASHINGTON

Dr. Herbert Putnam, Librarian of Congress, and Professor Isabel Bevier, of the University faculty, were the guests of honor at the annual dinner of the University Club of Washington, D. C., held as long ago as last April, but not reported to the *Quarterly*. About forty persons were present and the following officers were elected for the year: President, Professor M. B. Waite, Bureau of Plant Industry, Department of Agriculture; Vice-President, Miss Ambrose; Treasurer, John W. McLane, Bureau of Soils, Department of Agriculture; Secretary, R. D. Marsden, Drainage Investigations, Department of Agriculture. Soon after the annual dinner,

the club was entertained most pleasantly by Mr. and Mrs. Harlow Bacon at Silver Springs, Maryland, at which occasion about twenty-five were present. Mr. Bacon read an appropriate poem which he had written for the occasion.

Washington is not a place where many or enthusiastic meetings can be held in the summer, and in fact no effort has been made to get the members together during the past four months.

PLYM, '97, ESTABLISHES A SCHOLARSHIP

Francis J. Plym, '97, has established the first University scholarship to be endowed by an individual. The annual value of the scholarship is \$1,000, to be granted a graduate of the University in a course in architecture. President James announced the gift in his brief address at the mass meeting on Illinois Field on the evening of October 14. Mr. Plym's gift was offered in the following letter to the Board of Trustees:

"In consideration of the great advantages which I received from the University of Illinois as a student, in testimony of my appreciation of this service, and because of my desire to do what I may in order to make the work of this institution more effective, I beg leave to offer to the University of Illinois the sum of one thousand dollars per annum in order to establish a fellowship for the advanced study of architecture, which fellowship shall be assigned under rules and regulations which may be adopted by the board of trustees of the University of Illinois."

Mr Plym is a graduate of the department of architecture with the class of 1897. He is a member of the Phi Gamma Delta fraternity, and of the Adelpic literary society, and during his senior year was manager of *The Illini*. He is an associate member of the American Institute of Architects

and has served as secretary of the Kansas City Chapter of the institute. In 1900 he organized in Kansas City the Kawneer Manufacturing company, making a specialty of various building fixtures, which are very widely used. The operations of this company were later transferred to Niles, Mich.

MONEY AND CLASS SECRETARIES

When the members of the class of 1910 got together at the Homecoming they discovered, somewhat to their surprise that the balance of one hundred dollars left from their memorial fund had been expended on class sweaters, and that the class secretary was left penniless. The secretary is in a condition no different from that of other class secretaries; the only peculiarity in the case is that it was supposed that 1910 had done so unheard of a thing as to leave funds with which its officers might do their business.

There are three absurdities in this situation: one, that a hundred dollars should be expended on sweaters for members of the class to whom one or two sweaters had been voted already, as if they were in the old clo' business; another, that a class should expend most of its money on its athletes; still another, that a class should allow its secretary to do his work for the love of it and then pay postage on it. Those who attended the class meeting agreed to an assessment of twenty-five or fifty cents—which will, perhaps, be paid by ten of fifteen per cent. of the membership.

P. K. JOHNSON IS SECRETARY OF 1909

The Class of 1909 at a meeting held on October 15, confirmed the appointment of P. K. Johnson, of Belleville, as permanent Secretary. It decided that the secretary should appoint an assistant for each College, the duty of such appointees being to circulate a

"chain" or mimeograph letter among all the members of the College class. Mr. Johnson has named R. N. Erskine for the men of Literature and Arts, Miss Ruth Buffum for the women of Literature and Arts, Pomeroy Sinnock for the civil engineers, Karl J. T. Ekblaw for mechanical engineers, I. W. Fiske for electrical engineers, and James M. Johnston for the College of Law. The other appointments have not been made, but will be made soon.

UNIVERSITY OF ILLINOIS CLUB OF SPRINGFIELD

"Although we have been organized only a few months, everything indicates that the alumni here are permanently organized," writes Oscar J. Putting, treasurer of the University of Illinois Club of Springfield. "This is due, perhaps, as much to the active interest of the old alumni as to anything. We have been favored with the attendance of several University professors at our meetings and club luncheons. Professor Goodenough was with us the first time we met, and Dean Greene took luncheon with us at the Leland Hotel, giving the boys a very interesting talk. We have been quite successful in meeting every Thursday noon at the Colonial Cafe in this city in numbers large enough to make it interesting to be there".

MORE ALUMNI BY ADOPTION

By an agreement approved by the Board of Trustees, matriculants in the American Medical Missionary College of Battle Creek, Michigan, and Chicago are admitted to the College of Medicine of the University, and students in advanced standing are given like standing in this University. This signifies, of course, that Illinois has absorbed the other college.

The alumni of the American Med-

ical Missionary College are also, by vote of the Trustees, recognized as alumni of the University of Illinois, and certificates to that effect are to be issued to them upon their complying with the rules governing such cases.

OUT IN SEATTLE

A card received at the last moment from Seattle, indicates sufficiently that the alumni in far-away Washington, knew what was going on at Illinois on the 15th:

ILLINOIS CELEBRATION

Secure seats at Seattle Theater before noon for Saturday night, grand session will follow show at The College Inn. Will we beat Chi?

! SURE !

1909 FOUNTAIN.

The 1909 memorial fountain between the Gymnasium and the Armory has at last been completed, and the thirsty passerby may now slake his thirst from the sanitary bubbling cups. Incoming classes may take warning from the experience of 1909 and start their campaign for class memorials while they are still in high school. There are structures of greater beauty, no doubt, but few of greater utility in the arid climate of our University towns than this new fountain.

OBITUARY

MARY CARTER STEELE RICKER, '75

Mary Carter Steele Ricker, '75, one of the best known and best loved of the alumnae of the University, died on August 6, at the Battle Creek sanitarium in Champaign, Illinois. She had been ill for many months, and under the constant care of nurses, but her death was unexpected and very tragic. Mary Carter Steele was born on February 12, 1852, at Galesburg, Illinois. Until she was about eighteen years old,

Miss Steele lived at Oberlin, Ohio, where for a part of 1870 she attended Oberlin College. From that time until her marriage, she made her home with her uncle and aunt, Judge and Mrs. J. O. Cunningham in Urbana, while she attended the University of Illinois from 1871 to 1873. As an undergraduate she was active and popular socially. She was a member of Alethenai and of the University Senate, and was class historian in her senior year. When Phi Beta Kappa was admitted to Illinois, she was made a member of that honorary organization. On August 25, 1873, she was married to Nathan Clifford Ricker, '72, and is survived by him and by their daughter, Ethel, '04. Mrs. Ricker's life was active and full. She was a member of the First Congregational, Methodist Episcopal, and ultimately the Unitarian Church. She was a member of the Art Club of Campaign, the Central Illinois branch of A. C. A., and of Alliance Chapter, D. A. R. She was also honorary member of a number of local organizations.

EDWARD VERNON LEWIS, '77

Edward Vernon Lewis, '77, treasurer of the Crane company, and one of the most prominent business men of Omaha, died at his home in that city on July 5. His illness began almost a year earlier, and he had abandoned his business in November, 1909, to seek improved health. His death was caused by valvular heart trouble. Mr. Lewis was born at Chatham, Illinois, on August 18, 1856. He was prepared for college in the public schools of his native town, and entered the University in the fall of 1873. He was active in undergraduate affairs; became a member of the Delta Tau Delta fraternity, and captain in the cadet corps. From the time of his graduation until 1881, he was cashier of a bank in Chatham. In 1882 he went to Council Bluffs,

Iowa, where he soon bought a controlling interest in the Churchill Pump company, which business he removed to Omaha in 1885. Later he effected a consolidation with the Crane company, in which Mr. Lewis held financial interests in Omaha, Sioux City, and Des Moines. He was married at Chatham, Illinois, on June 30, 1881, to Miss Florence E. Darneille. Mrs. Lewis and two children, Arthur Crane Lewis, of Omaha, and Mrs. Sherman Canfield, of Sheridan, Wyoming, survive the decedent.

HANS FRAHM, '91

Hans Frahm, '91, one of the prominent farmers of central Illinois, died near his home at Tuscola, on September 14. His death was sudden and the details are surrounded in mystery. His dead body was found early in the morning beside the road in front of the Frahm home. He had apparently fallen from his buggy, which still stood over him when he was discovered. Mr. Frahm was born southeast of Tuscola, on October 11, 1868, and was prepared for college in Douglas county. He received the degree of bachelor of literature from the University in 1891, and that of bachelor of laws from Harvard in 1894. He was admitted to the bar of Illinois in 1895. After a brief term of practice in Chicago, he moved to Tuscola to assist in the management of the extensive Frahm farms. He was Democratic candidate for county judge in 1906, and was for a number of years chairman of the Democratic County Central Committee.

T. O. HOLCOMB, '04

Timothy Osmond Holcomb, '04, died at Oaks Home, Denver, Colorado, on Saturday, October 1, of tuberculosis. His body was brought back to his old home at Milmine, Illinois, where it was interred with Masonic rites on Friday, October 7.

Mr. Holcomb was born at Freeburg, Illinois, June 18, 1878. He prepared for college in the Bement high school. During his undergraduate course, which was somewhat interrupted, he was well known in college activities. In 1902-03 he was assistant editor of the *Illini*, and in his senior year he was editor-in-chief. He was prominently identified with the Sigma Alpha Epsilon fraternity, and was a well known and much respected student.

After graduation he was employed in the office of the Western Electric Company, and later with the C. H. Geist Company. For the past few years his health has been precarious, and he has lived the larger part of the time in Colorado. In 1908-'09 he held the position of assistant in English in the University of Colorado. For the past year he has been in the employ of *Bradstreet*. Though his health has been precarious, he has not been considered in a dangerous condition until within the last few weeks. The immediate cause of his death has been attributed to over-work which brought on a hemorrhage.

NEWS OF THE CLASSES

When you have a new address, position, wife, or child, notify the editor. Announcements sent to friends or acquaintances may reach the *QUARTERLY*, but probably will not. Mail your information direct, unless your class has a secretary; in any case please make sure that the *QUARTERLY* is kept in touch with you.

1872

C. W. Rolfe, 601 East John street, Champaign, Illinois, Secretary

The editor of the *Quarterly* has for some months been pestering the Secretary for news from this class, but there is little that is new to tell. Most of the members have reached the age where they are content to plod along in the lines of business in which they have been engaged for many years and so there is little to be said about them.

Taken as a whole the members of this class have been reasonably successful both socially and financially and have been men of influence for good in the communities in which they lived, but they are modest fellows and their letters give little information as to the minor details of their work.

The class of '72, the first to graduate from the University of Illinois, or Illinois Industrial University as it was then called, numbered twenty-one at graduation. Of the twenty-one six have finished their work and gone to their reward:

Stephen A. Reynolds, successful lawyer, member of the State legislature.

Edgar L. Hill, teacher in the western and southern states and later a government inspector of schools in Porto Rico.

Alfred M. Flagg, prominent lawyer, dealer in real estate, member of the constitutional convention of South Dakota, clerk of the Appellate Court in Chicago, editor in Duluth and Superior, Wisconsin.

Howard Silver, teacher in Minnesota and Nebraska.

Alonzo L. Whitcomb, successful physician in Tolono, Ill., St. Paul, Minn., and Rodgers, Arkansas.

James Newton Matthews, poet, prominent physician, Mason, Illinois.

Of those now living:

T. E. Rickard became the owner of a large farm near Springfield, Ill., but on account of poor health removed to Hemet, California, where he is now engaged in fruit farming and banking.

Milo B. Burwash, the only bachelor in the class, has been a prosperous farmer near Champaign ever since graduation.

Miles F. Hatch, who removed to the State of Washington shortly after graduation and engaged in lumbering, milling, banking, and farming, in all of

which he was successful, is now on a fruit ranch near Alderton, Washington.

R. O. Wood is still running the old home farm near Woodburn, Illinois, and is regarded as one of the best farmers in the community.

Isaac Raymond has been on the home farm south of Sidney, Illinois, since graduation. He is also President of the Bank of Philo, and is a prominent local politician on the Democratic side. He was for six years a member of the Board of Trustees of the University.

John J. Davis, located as a homeopathic physician in Racine, Wis., soon after graduation and has been unusually successful in his profession. He has also made a considerable reputation as a botanist.

Henry N. Drury, studied medicine and located at Altamont, Ill., and has been regarded as one of the best physicians in that part of the state, but a few years ago his mind became affected and he is now in the asylum at Anna.

Calvin Parker started in life as a physician in Philo, Ill., but soon became more interested in banking, in which he has been very successful. He is now located in Los Angeles, California.

Elijah N. Porterfield opened a real estate office in Kearney, Nebraska, soon after graduation and is still in the same business.

Charles W. Silver has been a merchant and salesman since graduation.

Willis A. Reiss, located at his old home in Belleville, Illinois, as an engineer, and has alternated between engineering and teaching since that time.

Jacob N. Wharton located in Chicago, where, for many years, he was in business as a contractor and builder. He then became a postal clerk and is now so employed. His address is Douglas Park, Chicago.

George H. Lyman was for many years as active and successful railway engineer in the states of the middle

west. Later he located at Fort Smith, Arkansas, as a banker and real estate broker and has built up a large business.

N. Clifford Ricker became head of the Department of Architecture immediately upon graduation and soon after was made Dean of the College of Engineering, which position he held for many years. The phenomenal growth of this college is very largely due to his good judgment, far sighted interest, and tireless industry. He lately resigned the deanship and the executive work of his department, but is still Professor of Architecture.

C. W. Rolfe spent the first eight years after graduation in public school and academy teaching. He returned to the University in 1881 and has since been in charge of the Department of Geology.

John R. Trevett, ex-'72, has been named by the state central committee of the Democratic party as a candidate for the Board of Trustees of the University.

1873

Fred L. Hatch, Spring Grove, Illinois, Secretary

The address of Andrew T. Morrow, *ce*, is changed from 1357 Liggett building, St. Louis, Missouri, to Altamont, Kansas.

1874

Mrs. Alice Cheever Bryan, 508 South Fourth street, Champaign, Illinois, Secretary

C. A. Smith, *me*, is living at 531 Standbridge street, Norristown, Pennsylvania.

We have a few students of Esperanto in our class. Mr. George Story, of San Luis Obispo, California, has become quite proficient, while Mr. and Mrs. H. S. Reynolds, of Providence, Rhode Island, have also become interested in the study.

1875

George R. Shawhan, 606 Daniel street, Champaign, Illinois, Secretary.

The obituary of Mary Carter Steele (Ricker), who died August 6, 1910, will be found in another part of the *Quarterly*.

1876

Fred I. Mann, Gilman, Illinois, Secretary

1877

1878

E. M. Burr, Champaign, Illinois, Secretary.

1879

Judge W. N. Butler, Cairo, Illinois, Secretary

A third son, Lawrence, of Arthur Swannell is registered in the University.

1880

C. J. Bills, 1508 H. street, Lincoln, Nebraska
Secretary

1881

Mrs. Virginia Hammet Talbot, Urbana, Illinois,
Secretary

The address of Darley Thomas is changed from 1417 Hyde Park boulevard, to 5111 Cornell avenue, Chicago, Illinois.

A. O. Coddington, *la*, was a candidate for superintendent of schools of Cook County at the recent primary election in September.

Joseph Swartz, *chem*, has retired from the drug business in which he was engaged for many years, and is now enjoying life thoroughly. As a recreation he looks after his fruit farms.

A. B. Colton, ex-'81, is manager of the Great Western Manufacturing company, Kansas City, Missouri. His oldest son was graduated at Kemp Military school and has now entered the University.

1882

N. S. Spencer, 2 East Green street, Champaign Illinois, Secretary

1883

Judson F. Going, 22 Fremont street, Chicago
Secretary

Dwight C. Haven has moved from 408 Richards street, Joliet, Illinois, to 172 Washington street, care of Whitfield & Whitfield, Chicago, Illinois.

Governor A. C. Shallenberger, of Nebraska, ex-'83, has been very prominently mentioned in the newspapers during the past summer in his attempts to wrest the leadership of the Democratic party from Mr. William Jennings Bryan.

George H. Angell, ex-'83, has an office in Nassau Block, Denver, Colorado. His specialty is irrigation engineering. He was for many years with the State Engineer's office. He also holds the position of vice-president and chief engineer of the North Poudre and Weld County Reservoir and Ditch company.

1884

Miss Keturah Sim, 605 west Green street, Urbana, Illinois, Secretary.

Thomas F. Hunt, *ag*, and wife, Juniata G. Campbell (Hunt), sailed August 10 from Baltimore, Maryland for Bremen. They went from Bremen toward S. W. Germany and from Munich, plan to go west and north through Switzerland, arriving in France by the middle of October, where they expect to spend the winter. They witnessed the passion play, September eighth, and pronounce it "a wonderful experience".

1885

Mrs. Bessie Plank Thompson, Winamac, Indiana
Secretary.

1886

S. F. Bullard, Tacoma, 3001 north 29th street,
Washington, Secretary

1887

Mrs. Angie Gayman Weston, 601 East Daniel street, Champaign, Illinois, Secretary

1888

Miss Mary C. McLellan, 706 West Park avenue, Champaign, Illinois, Secretary

N. P. Goodell, *la*, has been steadily improving from his injury of February. During the summer he spent six weeks down east, part of which were spent at Ogunquit, Maine.

George W. Myers, *la*, is again living in Nunica, Michigan. Last year he and his family were in Paris, Berlin, and London, where he was teaching and studying.

Lincoln Bush, *ce*, and wife wish to be remembered to their friends and acquaintances at the University. Their two boys are very much interested in everything pertaining to college life and sports. Cedric, the eldest, is now at work on some masonry construction about 140 miles west of New York.

Effie Mathers (Enslows), *nh*, spent part of the summer in Kankakee, Illinois. She has two children in high school and one in third grade.

1889

Miss Amy Coffeen, 806 South Fifth street, Champaign, Illinois, Secretary

Rolan H. Morse, ex-'89, spent the summer at his old home in Gifford, Illinois. He is cashier of the Globe Savings Bank, Los Angeles, California.

Cleaves Bennett will continue to reside in Mattoon, Illinois. He and his family recently spent a vacation of a few weeks in Colorado but had no intention of moving there as was mentioned in the last *Quarterly*.

The Paris address of Blanche A. Church is 68 rue de l'Agueduc. She has entered the Sorbonne to continue her studies.

Frederick M. Bennett and family spent six weeks of the summer in Duluth, Minnesota.

R. B. McConey, *me*, is general manager of the F. M. Davis Iron works, Larimer and Seventh streets, Denver, Colorado. He was for many years the western representative of Allis-Chalmers company.

1890

Thomas Arkle Clark, Urbana, Illinois, Secretary

The address of C. A. Bowser is Denver, Colorado.

S. D. Bawden, *me*, is still director of the Industrial Experiment station, Ongole, Guntar District, India. He expects within a few months to visit the United States on a furlough.

Charles Beacham, ex-'90, is living at Farnhamville, Iowa, and is interested largely in farming and banking.

George P. Standuhar, ex-'90, who is practicing architecture at Rock Island, Illinois, has a son Charles in the freshman class at the University.

1891

C. A. Shamel, Editor *Orange Judd Farmer*, Chicago, Illinois, Secretary

John H. Frederickson, *ce*, has moved from New Orleans to Denver, Colorado. He is one of the contracting managers for James Stewart and company, First National Bank building. He has a young daughter, born last winter.

Nellie Margaret Darby, *la*, was married on August 23, 1910, to Benjamin Pettersen at Ortonville, Minnesota. They expect to live in that city.

Emma Seibert spent part of the summer in Jacksonville, Illinois.

R. S. Wallace, *me*, writes that he has but one item of news which he thinks of interest, and that is that in a recent letter to him, O. D. McClure, *me*, stated that he would spend the next two months in Europe in the interest of the Cleveland-Cliffs Iron company, by whom he is employed.

The following interesting and char-

acteristic letter was received from J. S. Terrill, *nh*, of Deer Grove, Illinois. "As far as I am personally concerned I am section hand here on the Q and betimes amuse myself with fishing and "original philology". I have fluent command of the following languages in reading: German, French, Italian, Spanish, Portugese, Hollandish, Danish-Norwegian, Swedish, Icelandic, Anglo-Saxon, Latin, Middle German, besides a working knowledge of Middle French, Greek, and have made some beginnings in Slavic, Yiddish, Old High German, etc. My aim has been 'acquaintance of the Ayran languages, with their literature and philology', as far as possible, from original standpoint of evolution, denying use of dictionaries and other books of reference. I may not make any practical use of my accomplishment, but it is a good pastime. I can't say as to any future pretentions. *Bien a vous*".

Hans Frahm, *la*, of Tuscola, Illinois, was killed by a fall from a buggy on September 14, 1910, at his home. Mr. Frahm was a retired farmer, 42 years old, and leaves a widowed mother and two sisters. His body was found at his gate at five o'clock in the morning by a neighbor. It is believed that he fell in the night and was so badly injured as to lose consciousness and died shortly after.

1892

Mrs. Cassandra Boggs Miller, 1103 West Illinois street, Urbana, Illinois, Secretary.

S. C. Reat, ex-'92, is American Consul at Tamsui, Formosa, Japan. He is expected home this year on a short leave of absence. He has been a resident of Japan for the past two years.

1893

J. G. Mozier, Urbana, Illinois, Secretary

E. C. Craig, of Mattoon, Illinois, has recently been named by the State

Central committee of the Democratic party as a candidate for Trustee of the University.

The address of Nina B. Lamkin is now 1122 Wenonah avenue, Oak Park, Illinois.

Charles A. Elder, President of the Los Angeles, California, Investment company, was married sometime ago to Inez Damon, assistant secretary of the company.

A. W. Rea, *arch*, of Joplin, Missouri, has recently been elected a member of the American Institute of Architects.

1894

Dr. L. Pearl Boggs, 811 West Illinois street, Urbana, Illinois, Secretary

W. G. Spurgin is a candidate for County Judge of Champaign County.

Ernest McConnell, *arch*, is preparing plans for a Class A steel and concrete building for the Los Angeles Investment company, to be built at Los Angeles, California. The building will be fourteen stories and the largest in Los Angeles.

1895

Harry W. Baum, *ce*, is contracting manager of James Stewart and company, First National Bank building, Denver, Colorado. He and Mrs. Baum (Daisy Garver, '99) spent a part of the summer in Salt Lake City, Utah. Mr. Baum was recently elected a member of the American Society of Civil Engineers.

W. J. Scott, *la*, has purchased and is living on a ranch south of Denver. He has devoted a great deal of time during the last few years to the propaganda of socialism.

C. W. Beach, *ce*, formerly deputy state engineer of Colorado, and now engaged on irrigation projects in that state, is the author of "Irrigation in Colorado", which constitutes Bulletin 219 of the Office of Experiment Sta-

tions of the United States of Agriculture.

1896

Mrs. Amelia Alpinier Stern, 609 West University avenue, Champaign, Illinois, Secretary

Fred W. Honens, *ce*, and wife, of Kansas City, took the trip through Yellowstone Park during the summer.

H. J. Burt, *ce*, has built a beautiful new home near City Park, Denver. His residence address is 1884 Gaylord street.

Sophia N. Leal, *la*, spent the summer in Newfoundland and Nova Scotia. She is teacher of Latin in the high school at Redlands, California.

Fred L. Thompson, *ce*, was on July 1, appointed engineer of bridges and buildings for the Yazoo and Mississippi Valley railroad company and the Illinois Central railroad company, with headquarters at Chicago, Illinois.

George David Hubbard, who has been an assistant professor of geology of Ohio State University for the past five years, is this year professor of geology and acting head of the department at Oberlin College, Oberlin, Ohio.

H. J. Burt, *ce*, has been re-elected secretary-treasurer of the local association of American Society of Civil Engineers of Denver. His business address is changed to 1218 First National Bank building.

Myra Ernestine Burt (Buscy), *la*, and Dr. Frederick Besley were married on October 6 at Chicago.

B. R. Leffer, ex-'96, engineer of bridges of the Lake Shore and Michigan Southern railway, with headquarters at Cleveland, Ohio, was recently transferred from the grade of associate member to that of member in the American Society of Civil Engineers.

The address of Bertha V. Forbes is 1713 East Fifty-fifth street, Chicago.

1897

O. L. Gearhart, 107 west Springfield avenue, Champaign, Illinois, Secretary

The address of Alvin C. Beal, *ag*, is changed from 514 Daniel street, Champaign, Illinois, to 112 Valentine place, Ithaca, New York.

1898

H. C. Coffeen, Chicago, Secretary

F. W. Von Oven, *ce*, is now living at Naperville, Illinois.

The address of Thomas W. Clayton, *ce*, is changed from 4632 North Robey street, to 47 Congress street, Chicago.

H. C. Breidert, *ce*, has recently moved from Pittsburg, to Chicago, and is now located at 1719 Fisher building as western representative of the Fort Pitt Bridge works of Pittsburg.

After a year's study in France, Georgia E. Hopper, *la*, accepted the position of professor of modern languages in Tabor College, Iowa, being reappointed this year.

Wallace Craig, *sci*, professor of psychology at the University of Maine, and Guy A. Thompson, *la*, professor of English, at the same university, spent their summer doing library work in their specialties at the University of Chicago.

Delbert R. Enochs, *la*, is still recuperating at Mattoon, Illinois. He says he is "hors de combat" as a result of diphtheria a year ago.

1899

L. D. Hall, 111 East Chalmers street, Champaign Illinois, Secretary.

W. G. Fraser, *me*, is general agent for the The New Trinidad Lake Asphalt company, limited. His address is Port of Spain, Trinidad, British West Indies.

Emma Jutton, *lib*, who is loan librarian at the University, attended the meeting of the National Library Association at Mackinaw, Michigan, in

June, and spent six weeks in southern California and San Francisco.

H. A. Rhoads, *la*, had an unpublished photograph of Abraham Lincoln in the September *Prairie State*, and a poem in the October number of the same magazine. He is making his field headquarters in the advertising business at Ottawa, Illinois, and still running the H. A. Rhoads Advertising agency of Chicago, Illinois.

1900

Miss Nellie McWilliams, 38 Second South street
Champaign, Illinois, Secretary

Bruce Campbell, *la*, of the law firm of Kramer, Kramer and Campbell, of East St. Louis, will be the Democratic candidate in the race for congress in that district.

Nancy Emma Hartrick (Webster), *la*, is living at 908 west Thirty-sixth place, Los Angeles, California.

The address of Edna A. Rugg (Hubbard), *la*, has been changed from Columbus, Ohio, to Oberlin, Ohio.

F. A. Strout, *me*, has moved from El Paso, Texas, to Hemet, Riverside County, California.

The address of G. R. Radley, *ee*, is changed from 207 Fifteenth street, to 182 Twenty-second street, Milwaukee, Wisconsin.

Pauline Gunthorp, *lib*, is head cataloguer, in the library at Leland Stanford University.

Philip Peter Schaeffer, *law*, was recently elected district speaker for all courts in central Illinois.

Clifford Willis, *ag*, is the editor of the *Northwest Farmstead*, the new Orange Judd publication at Brookings, South Dakota.

1901

Frank W. Scott, Urbana, Illinois, Secretary

Harlan H. Horner, *la*, has recently been appointed as chief of the examinations division in New York State Education department. This appointment

is an important promotion from the position of Chief of the Administration Division in the same department, which he has held since the position was created.

The address of George M. Crossland, *la*, is R. F. D. No. 1, Sheldon, Illinois.

Katherine Layton, *la*, who spent the summer at Canton, Illinois, may now be addressed at 58 Kensington avenue, Northampton, Massachusetts.

Laura Louise Black (Zartman), *la* and family have moved from Galveston, Indiana, to South Second street, Champaign, Illinois.

The July number of *American Legal News* contains in its pages of "Lawyers You Should Know" a biographical sketch and a portrait of Walter C. Lindley, of Danville. He has charge of most of the trial work for his firm, Lindley, Penwell and Lindley, which represents locally the Wabash railroad, Western Brick company, Hegeler Smelting plants, and other great interests.

An article by Frank W. Scott appeared in the *Independent* for October 13. Mr. Scott has returned to the University after a leave of absence.

1902

C. W. Malcolm, 908 west Nevada street, Urbana
Illinois, Secretary

J. D. White, *la*, for some years traffic manager of the Illinois Traction company, is the new secretary of the Champaign Chamber of Commerce.

The address of J. P. Stewart, *sci*, is 711 East Seneca street, Ithaca, New York.

Will J. Bader, *chem*, lives at 110 South Leavitt street, Chicago, Illinois.

Rena M. Odell, *la*, has given up her position at Tempe, Arizona, and expects to teach somewhere nearer her home at Morrison, Illinois.

H. S. DeVelde, *la*, has gone some-

what extensively into the chicken business at his home in Norwood Park, Illinois.

The address of Harriet E. Howe, *lib*, is No. 22 Kenosha apartments, 1204 Harmon place, Minneapolis, Minnesota.

Ruby De Motte (Brown), *sci*, may now be address at The Camar, 704 Lovejoy street, Portland, Oregon.

George R. Samson, *la*, who for a number of years has been connected with the Department of Agriculture at Washington, resigned on August 15, and became instructor in animal husbandry in Oregon Agricultural College at Corvallis.

The marriage of Tillie Joe Schumacher, *la*, to Edgar N. Railsback will take place some time in November.

Dr. E. L. Draper, *chem*, and wife, Frances Hayden (Draper), *ex-'05*, are spending the fall and winter months in Europe. On their return they will live at 289 State street, Albany, New York, where Dr. Draper has recently purchased the residence property formerly the home of Thomas J. Van Alstine, one time mayor of Albany.

William A. Cook, *la*, who has been teaching at Benton, Illinois, is doing graduate work in Education at the University this year. His address is 108 North Romine street, Urbana, Illinois.

Roy Smith, *la*, and Charlotte Hess, *la*, '07, were married on October 8, at Yokohama, Japan.

The address of Frederick L. Nees, *law*, is 546 One hundred and fifteen Adams street, Chicago, Illinois.

The address of Maurice B. French, *ee*, is changed from 6459 Lexington avenue, Chicago, Illinois, to 419 South West street, Salt Lake City, Utah.

G. E. Marker, who has been professor of psychology and education at the State Normal School, Cheney, Washington, for the past five years, has been given a leave of absence for next year, and will continue his studies, probably in some eastern institution.

Jeanette M. Drake, *lib*, has accepted the position of librarian of the Cedar Rapids, Iowa, public library.

Mary Helen Clark, *lib*, *ex-'03*, is junior reviser in the University of Illinois Library School.

Alice C. Mann, *lib*, has resigned her position as librarian of the Kewanee, Illinois, public library.

Hal M. Stone, *law*, and wife, Mildred Burrill (Stone), *la*, have removed from Peoria, Illinois, to Albuquerque, New Mexico, for the benefit of Mrs. Stone's health. Mr. Stone has opened an office in the new state for the practice of law.

James T. Barrett, *sci*, who last year received his Ph. D. degree at Cornell University, has returned to the University, where he is associate in botany. His address is 406 East Chalmers street, Champaign.

1903

Roy W. Rutt, Woodstock, Illinois, Secretary

R. H. Kuss, *me*, is living at Norwood Park, Illinois.

Leo Dolkart, *ee*, has recently moved his office to 402 Monadnock block, Chicago, Illinois.

The address of R. C. Woodmansee, *lib*, is changed from Berkeley, California, to 6386 Moulton street, Oakland, California.

1904

R. E. Schreiber, 1012 Fort Dearborn bldg., 134 Monroe street, Chicago, Secretary.

Jask Riddle, *ag*, is permanently located at Cortez, Colorado, where he is running a ranch.

The address of J. G. Worker, *me*, is care Westinghouse Machine company, 171 LaSalle street, Chicago, Illinois.

The address of Clarence E. Fleming, *la*, is Y. M. C. A., Saratoga Springs, New York.

Olin L. Browder, *la*, *law*-'06, and F. E. Williamson, have formed a partnership for the general practice of law, with offices at 11 West Main street, Urbana, Illinois.

The address of Ralph B. Howe, *ag*, is changed from Urbana, Illinois, to 7254 Yale avenue, Chicago, Illinois. He has entered into commercial work with the W. W. Barnard company, 108-110 west Kinzie street, Chicago.

Maud M. Patterson, *la*, has moved to Rockford, Illinois, from Rochelle, Illinois.

The present address of Harry W. Weeks, *me*, is 1112 Manhattan building, Chicago, Illinois.

The residence address of R. E. Schrieber, *la*, is 1504 Farwell avenue, Chicago, Illinois.

Howard B. Murphy, *ce*, has moved from Chicago, to 295 North Park street, Dallas, Texas.

The address of Roy V. Engstrom, *mse*, is 447 Moss avenue, Peoria, Illinois.

The address of Ida Pearson (Hiner), *hsc*, is Moneta, Iowa.

Edward C. Converse, *sci*, should now be addressed at Eskridge, Kansas, instead of Elgin, Illinois.

The address of Neil McMillan, *arch*, is 5344 Greenwood avenue, Monclair, New Jersey.

The home address of R. B. Roulston, *ce*, is 307 west Seventy-second street, Chicago, Illinois.

Smith T. Henry, *mse*, and Agnes McDougall, *la*-'05, were married October 1, 1910, at Ottawa, Illinois. Mr. Henry is associate editor of the *Engineering Record*, with headquarters at Chicago. They will make their in that city, at 1225 east Fifty-second street.

Alice L. Wing, *lib*, is now head cataloguer in the Ohio State University, Columbus.

Alice B. Coy, *lib*, spoke to the Lib-

rary School, September 26, on her work in the catalog and reference departments of the Cincinnati public library.

James Forest Churchill, *la*, ex-'04, and Virginia Richards Busey, *la*, ex-'05, were married October 8, 1910, at Champaign, Illinois. They will live at 200 east Garfield boulevard, Chicago, Illinois.

Elmer Logan Garnett, *la*, and Lela Barnard, *la*-'05, were married on September 1, 1910, at Manteno, Illinois. They will make their home in Altus, Oklahoma.

R. S. Bauer, *la*, who has been practicing law at Decatur, Illinois, for the past few years, is now located in Boise City, Idaho.

S. Dewey Brown, *ce*, who is assistant to the President of the Brazil Railway company, and of Port of Para, stationed at Paris, France, was recently elected an associate member of the American Society of Civil Engineers.

E. J. Karnopp, *ce*, assistant engineer on the Panama railroad at Cristobal, Canal Zone, Panama, has been transferred from junior to associate member in the American Society of Civil Engineers.

Clyde E. Durland, *ce*, and Abby Louisa Brayton, *lib*, '05, were married on October 11 at Billings, Montana.

1905

Thomas D. Casserly, 249 Osgood street, Chicago, Secretary.

The address of Imo E. Baker (Bent), *la*, is 6900 Lakewood avenue, Rogers Park, Chicago, Illinois.

The address of Hugo Schmidt, *ce*, is 7222 Oglesby avenue, Chicago, Illinois.

Abby L. Brayton (Ruediger), *lib*, is living at 517 South Sixth street, Grand Forks, North Dakota.

The address of C. A. Barnhart, *la*, is changed from Normal, Illinois, to

Urbana, Illinois.

Charles E. Armstrong, *ee*, is a member of the firm of Maddox and Armstrong, engineers' and manufacturers' agents, Peoria, Illinois. His residence address is 812 College street, Peoria.

The address of Ralph Waldo Elden, *la*, and Leila King, (Elden), *lib*-'04, is Rockford, Illinois. Mr. Elden has sold his farm at McMinneville, Oregon, and will go into business in some other locality.

John M. Dillavou, *me*, and Chester A. Harris have recently formed a partnership in the wholesale coal business, under the firm name of Harris and Dillavou, at Champaign, Illinois.

Agnes McDougall, *la*, and Smith T. Henry, *mse*-'04, were married October 1, 1910, at Ottawa, Illinois. After the twenty-sixth of November, they will be at home at 1225 east Fifty-second street, Chicago, Illinois.

Nell Miller, *hsc*, is now teaching household science in Ventura, California.

Virginia Richards Busey, *la*, ex-'05, and Dr. James Forest Churchill, *la*, ex-'04, were married October 8, 1910, at Champaign, Illinois. They will live at 200 east Garfield boulevard, Chicago, Illinois.

Lela Barnard, *la*, and Elmer Logan Garnett, *la*-'04, were married on September 1, 1910, at Manteno, Illinois. They will be at home after November 1, at Altus, Oklahoma.

Elizabeth Katherine Stevenson, *la*, ex-'05, and Jay C. Taylor, *la*, ex-'08, were married October 4, 1910, at Urbana, Illinois. They will reside at 803 south Lincoln avenue, Urbana, Illinois.

A letter addressed to Charles Beck, *me*, at Harvey, Illinois, has been returned bearing the notation "deceased." The *Quarterly* has not been informed of his death through any other source than this.

1906

George Chapin, Urbana, Illinois, Secretary

Forty members of the class attended the reunion held in the Y. M. C. A. lounging-room. The class spirit is just as strong as it used to be. By vote of the class, the dues were suspended and each member is now expected to subscribe to the *Alumni Quarterly*, which will keep you informed of the doings of the class, along with the general University news, and thus keep our spirit and enthusiasm in its proper channel. Class spirit continues with the real Illinois spirit. The secretary, Paul E. Howe, resigned, and George Chapin, of Champaign, was elected in his place. Resolutions were prepared, thanking the Y. M. C. A. for the use of their room for the meeting, and to the Students's Union, expressing our approval of the Homecoming and guaranteeing our hearty support. Talks by some of the men and girls completed the program of a most successful reunion.

Ruby Risser, *la*, who took her master's degree from Columbia University last June, is physical director in the Westport High School in Kansas City, Missouri. Her address is 3939 Oak street.

The present address of Leonard V. James, *ee*, is 804 South Fifth street, Champaign, Illinois.

H. E. Ewing, *sci*, who had been an instructor in the Iowa Agricultural College for the past year, is studying for his doctor's degree at Cornell University this winter.

C. E. Henderson, *ce*, has resigned his position as instructor in civil engineering at the University, and has been appointed assistant city engineer at Port Arthur. His address is 358 Ambrose street, Port Arthur, Ontario.

Robert Beatty Dool, *ee*, and Hazel Denton Mandeville, *hsc*, '10, were married on October 4, 1910, at Champaign,

Illinois. Mr. Dool is assistant manager of the telephone company at Monroe, Louisiana. They will be at home after November 1, at 350 North Third street.

Clifford Bradley Suttle, *ce*, and Lydia Cox were married on September 14, 1910, at Kenney, Illinois. For the past year Mr. Suttle has been associate manager of the Swartwood Water Supply company of Philadelphia, Pennsylvania. They will be at home after December 1 at 304 North Thirty-fifth street.

The address of Nolan H. Huff, *la*, is Packard street, Ann Arbor, Michigan. He is practicing law.

The address of F. S. Hewes, *ce*, is changed from Novice, Texas, to Coleman, Texas.

Oscar S. Watkins, *sci*, was married on the 14th of September to Grace Lucile Sinclair, at Indianapolis, Indiana. They will live at 605 East Chalmer street, Champaign, Illinois.

Eleanor N. Baker, *la*, is teaching English and history in the Carmi High School.

Harry Orson Allison, *ag*, has charge of the beef cattle work at the University of Missouri, Columbia.

Paul Adyman Shilton, *la*, and Marie Alma O'Brien, were married September 24, 1910, at Portland, Oregon.

Susan Barr, *hsc*, is teaching household science in Santa Barbara, California.

Edward Isaac Walker, *ex-'06*, and Jessie Marie Kriechbaum were married in September, at Burlington, Iowa. They will live in Peoria, Illinois.

Mrs. Ida Kidder, *lib*, is librarian at the Oregon Agricultural College, Corvallis.

Lawrence F. Wooster, *ee*, is an assistant in electrical engineering at Oregon Agricultural college, Corvallis.

Montgomery B. Case, *ce*, and Maybell Grace McConnell were married on October 4, 1910, at Vancouver, Washington. They will be at home at Camp

Irma, Celilo, Oregon, after the first of November.

G. N. Toops, *ce*, assistant engineer on the Oregon Short Line railroad at Pocatello, Idaho, has been transferred from junior to associate member in the American Society of Civil Engineers.

Charles B. McCoy, *law*, and Florence Daggett were married on June 18 at East St. Louis, Illinois.

G. W. Saathoff, *ee*, is assistant general superintendent of the Empire District Electric company. His address is 414 Joplin street, Joplin, Missouri.

Rosalie Parr, *la*, is assistant in botany at the University.

Elizabeth Graff, *la*, is living at 143 Rockingham street, Toledo, Ohio.

Mima A. Maxey, *la*, is teaching Latin in the Hoopeston high school.

Mabel Garwood, *la*, is teaching English in the high school at Hoopeston, Illinois.

H. B. Myers, *ce*, is with the Board of Supervising Engineers of Chicago. His address is 181 LaSalle street, Chicago, Illinois.

Ola Wyeth, *lib*, is custodian of the German Seminar in the Library at the University.

Ambrose G. Grandpre, *ce*, 6104 Ellis avenue, Chicago, is superintendent for Marshall and Tex, architects.

Mamie M. McIntire, *la*, is teaching Latin and German at Gibson City, Illinois.

Allan J. Carter, *la*, is practicing law in Chicago. His business address is 818 Home Insurance building.

Ward R. Robinson, *ce*, is with the City Building department of Chicago. His address is 5531 Monroe avenue.

H. E. Kimmel, *law*, is practicing law at DuQuoin, Illinois.

Roy W. Flowers, *ce*, of 1310 East Sixty-second street, Chicago, is in the employ of the Scherzer Rolling Sift Bridge company.

Effie L. Bauer, *la*, is teaching English in the Kingman high school of Peoria, Illinois. Her address is 2913 North Adams street, Peoria.

Russel N. Smith, *la*, whose address is 510 Wabash avenue, Carthage, Illinois, is in the wall paper and paint business in that city.

Charles L. Holl, *me*, is with the Streator Motor Car company. His address is 302 South Monroe street, Streator, Illinois.

The address of Edith Rogers (Schreiber), *la*, is 1504 Farwell avenue, Rogers Park, Chicago.

R. P. Bates, *ce*, is assistant engineer in the Maintenance and Way Department of the Union Pacific railroad at Cheyenne, Wyoming.

1907

Thomas E. Gill, 921 west Cook street, Springfield Illinois, Secretary

Wilfred Lewis, *ce*, is with the MacArthur Concrete Pile and Foundation company, 1126 Harvard avenue, Seattle, Washington.

John W. Ball, *ee*, was married to Elena L. Wiles at Schuylerville, New York, September 14, 1910.

Chester B. Miller, *la*, was married on July 30, 1910, to Miss Clara Pruyn, '10. Mr. Miller is instructor in English in the Elgin high school.

Adam H. Hummel, *sci*, is teacher of science in the Los Angeles high school. He was married August 16, at Mitchell, South Dakota, to Edna Daniels.

Charlotte Hess, *la*, sailed from San Francisco, September 20, for Tokio, Japan, where she will be married to Roy Smith, '02. Mr. Smith is an instructor in the commercial college at Kobe, Japan.

The address of Lloyd Garrison, *ce*, is 2639 Jefferson avenue, Ogden, Utah.

The address of Roy R. Helm, *la*, is Box 1389, Salt Lake City, Utah.

The address of Carl C. Van Doren, *la*, is now care Thomas Cook and Sons,

Ludgate Circus, London, England. He is gathering material for a study of Thomas Love Peacock.

C. A. Foreman, *ce*, may be addressed 309 North Huron street, Ypsilanti, Michigan, instead of Detroit, Michigan.

Stanley P. Farwell, *ee*, is instructor in theoretical and applied mechanics at the University this year.

The address of Lynn A. Drew, *ag*, is Martinton, Illinois.

G. R. Mueller, *me*, has left his position with the Marine Iron works, St. John's, Oregon.

Weston Bross Lazear, *me*, and Edith Alma Danford were married on June 25, 1910, at Aurora, Illinois. They will reside at 368 Maple avenue, Aurora, Illinois. Mr. Lazear is with the Stephens-Adamson Manufacturing company of that city.

Deane Burns, *chem*, entered the research laboratories of the National Carbon company, Cleveland, Ohio. His address is 1568 Alameda avenue, Lakewood, Ohio.

Sidney Nathan Cohen, *law*, ex-'07, and Myrtle Conkright were married on September 17, at Bloomington, Illinois. They will live at 607 West Elm street, Urbana, Illinois.

Ray Luzerne Baker, *me*, and Emily Evelyn Holmes were married on September 14, 1910, at Baldwin, Wisconsin. They will be at home at 1447 west Sixty-sixth street, Chicago, after November 1.

Donald Graham, *arch*, was married to Alma Margaret Speck at Evansville, Indiana, April 9, 1910.

Clement Clarence Williams, *ce*, and Grace Josephine Black, *la*, '10, were married at Urbana, Illinois, August 31, 1910. Mr. Williams is now head of the engineering department of the University of Colorado, Boulder, Colorado.

Walter Robert Block, *ag*, and Helen McCulloch, *la*, ex-'10, were married at

Mattoon, Illinois, September 22, 1910. Mr. Block is employed as an expert by Small and company, seed establishment at Evansville, Indiana.

The address of L. E. Sinclair, *ag*, is Calexico, California.

The address of Charles Howard Bent, *me*, is 6900 Lakewood avenue, Rogers Park, Chicago, Illinois.

Harvey Wood, *ex-'07*, is manager of the New York classified telephone directory, and is New York manager for Reuben H. Donnelley, of Chicago.

Mary S. Wilkinson, *la*, has entered the training school for children's librarians at Pittsburg, Pennsylvania. Her address is 153 north Craig street.

The address of C. C. Austin, *me*, is care American Hoist and Derrick company, St. Paul, Minnesota.

P. J. Freeman, *me*, who has been an instructor in machine construction at the University of Pennsylvania since his graduation, has been appointed an instructor in machine construction, and is in charge of machine shops at the University this year.

James C. Randall, *me*, and Deborah Orchard were married on July 7, 1910, at Schenectady, New York. They will reside in Pittsburg, Pennsylvania, after a tour to Boston, New York, and Washington.

M. S. Perreault, *ex-'07*, is teacher of mathematics and manual training in the Kansas City, Kansas, schools.

Nell Welles, *sci*, is teaching household science in Santa Barbara, California.

Valeria Fetterman, *lib*, was married in June to Albert Barnes Smith of Pittsburg, Pennsylvania.

Albert Alexander Van Petten, *ce*, who has been engaged in engineering work in Porto Rico, is visiting his family and parents at Champaign, Illinois.

Ethel Bond, *lib*, is librarian in the public library at Delaware, Ohio.

Carlos Merriam Page, *ee*, and Leo-

nora Phelps Smith were married on October 5, 1910, at Champaign, Illinois. Mr. Page is now in business at Drain, Oregon, where they will reside.

John Harrison Brooks, *la*, *ex-'07*, is with the Boviard and Seyfang Manufacturing company, Bartlesville, Oklahoma.

Charles H. Tornquist, *ce*, may now be addressed at Jackson Lake Dam, Moron, Wyoming, instead of Salmon River Dam, Twin Falls, Idaho.

1908

B. A. Strauch, Champaign, Illinois, Secretary

Carrie M. Hill, *la*, taught last year in the high school of Plymouth, New Hampshire. She is this year teaching French and history in the freshman high school at Concord, New Hampshire. Her address is 38 Rumford street.

Edna Louise Collins, *mus*, *ex-'08*, and Omer Henry Kimball is engaged in electrical business.

Howard C. Williams, *la*, has resigned from the editorial staff of the Omaha *Bee*, and has accepted a desk position with the Cleveland *Press*.

Dorothy Gunn Spray, *lib*, *ex-'08*, and Howard Ridgely Hay, *med*, *ex-'10*, were married at Arlington Heights, Illinois, September 17, 1910. Their new address will be DeBeque, Colorado.

The new address of Horace G. Hobbs, *ee*, is 224 Fifteenth avenue, Columbus, Ohio.

Annabell Fraser, *lib*, is librarian for the Commonwealth Edison company, Edison building, 139 Adams street, Chicago.

Guy Loren Shaw, *ag*, and Bessie Dillon, *hsc*, were married at Normal, Illinois, September 14, 1910. Mr. Shaw is manager of the Christie and Lowe farm lands at Beardstown, Illinois.

Elmer Joseph Haase, *la*, *ex-'08*, and Virginia Randolph, *la*, *ex-'08*, were

married at Owensboro, Kentucky, September 5, 1910.

Joseph K. Moore, *cer*, is ceramic engineer for the Denny-Renon Clay and Coal company of Seattle, Washington. His residence address, 2653 Belvidere avenue.

The address of Lewis McDonald, *ce*, is 2010 West One hundred and first place, Chicago, Illinois.

The address of J. M. Warner, *ce*, is changed from Sweetwater, Texas, to 6339 Yale avenue, Chicago, Illinois.

S. M. Berolzheimer, *chem*, lives at 89 West Fifteenth street, Chicago Heights, Illinois.

H. H. Ziesing, *ce*, is in the employ of the American Bridge company, at Gary, Indiana.

Bernice Celia Wilson, *la*, ex-'08, of Jacksonville, Illinois, and Charles Paul Hortsman, of Houston, Texas, were married at Fisher, Illinois, July 25, 1910.

Fritz Wagner, *arch*, and Louse Shipman, *la*, were married at DeKalb, Illinois, July 30, 1910.

Nelle Dickinson, *hsc*, will be in charge of the household science department of the Academy at the University this year.

R. J. Candor, *arch*, may be addressed at the Majestic building, Oklahoma City, Oklahoma.

R. E. Sheriff, *la*, ex-'08, who has engaged in the government forestry service, was among those who attended the Forestry School at Missoula, Montana, during the winter. His address is Camp Creek, South Dakota.

J. M. Baird, *law*, now practicing law at Olney, Illinois, has received the appointment of master in chancery for his county.

Ethel M. Bushnell, *la*, has for the past winter been engaged in kindergarten work in the public schools of Long Beach, California. During the summer, she was co-operating with another teacher in organizing a city play ground

for the smaller children. Her new address is 335 east Seventh street, Long Beach, California.

Elizabeth Bryan, *lib*, for the past two years assistant librarian in the Campaign Public Library, resigned her position this summer to become Loan Desk Assistant in the University Library.

Fleda D. Straight, *lib*, was married in June to Clyde H. Meyers. Mr. and Mrs. Meyers are now at Cornell University.

James Metcalf Bateman, *ee*, ex-'08, and Maude Victoria Brougham, *la*, ex-'10, were married in October, 1909, in Canada, but kept the facts from their friends for nearly a year. Mr. Bateman is traveling salesman for the Western Electric company. Their address is 513 Racine avenue, Peoria, Illinois.

Elizabeth Kneppes, ex-'08, is assistant librarian in the library of Oregon Agricultural College, at Corvallis, Oregon.

Mr. and Mrs. W. E. Hart are located at New Rockford, North Dakota.

Ella Cora Neubauer, *la*, ex-'08, sailed from San Francisco, September 20, for Tokio, Japan, where she will be married to Frederick B. Nicodemus, *ce*, '09. Mr. Nicodemus is a teacher in the University of Osaka. She was accompanied by Charlotte Hess, *la*, '07, who on October 8 was married to Roy Smith, *la*, '02, instructor in the commercial college at Kobe.

Jay Corydon Taylor, *la*, ex-'08, and Elizabeth Katherine Stevenson, *la*, ex-'05, were married October 4, 1910, at Urbana, Illinois. They will live at 803 south Lincoln avenue, Urbana, Illinois.

The present address of Harry J. Atkinson, *sci*, is 803 Ohio street, Joliet, Illinois.

Ella Cora Neubauer, *la*, ex-'08, and Frederick Bowman Nicodemus, *ce*, '09, were married on October 8, 1910, at Yokohama, Japan.

Ira Thomson Carrithers *la*, and Wini-

fred Markham were married on June 22, 1910, at Saulte Sainte Marie, Michigan.

1909

P. K. Johnson, Belleville, Illinois, *Secretary*.

There has not been a satisfactory response to the secretary's request that members of the class send him items concerning themselves. A live news column cannot be maintained without the help of all the class, and we again urge the members to send in items to the secretary or direct to the *Quarterly*.

P. M. Farmer, *ee*, is in the sales department of the Westinghouse Electric and Manufacturing company, and traveling in Iowa.

Ned Hunter, ex-'09, is working with the State Highway commission.

T. N. Jones, *la*, is teaching in the Moline high school this year.

The address of E. C. McMillan, *me*, is changed from Carthage, Illinois, to 4226 Indiana avenue, Chicago, Illinois.

Hazel Dollinger, *la*, is teaching English in the high school at Greenfield, Illinois. Her address is Box 101, Greenfield, Illinois.

The address of P. G. Sinnock, *ce*, is living at 1415 Hampshire street, Quincy, Illinois.

The address of Ray L. Collins, *ce*, is still Bureau of Lands, Manila, Philippine Islands.

Myron K. Jordan, *ce*, is working for Crocker and Ketchum, contracting engineers at Denver, Colorado.

Alvin Charles Miller, *me*, was married September 3, to Minnie Jones, at Urbana, Illinois. His address is Edgemont, East St. Louis, Illinois.

J. A. Drew, *ag*, is an assistant in pomology at the University.

Mary Howe, *hsc*, is an instructor in domestic science at Indianapolis, Indiana, this year.

Harold Hanson Mitchell, *sci*, and Opal

Kilbury were married at Urbana, Illinois, July 8, 1910.

Glenn J. Pruitt, *law*, is the junior member of the L. and P. Tailoring company, which opened at 215 west Main street, Urbana, September 14.

McNeal C. James, *ag*, has been re-appointed head of the department of Agricultural Education in the State Normal School at Valley City, North Dakota. His address is 1025 Eighth avenue, Valley City, North Dakota.

The address of A. B. Campbell, *ee*, is changed from LaHarpe, Illinois, to lock box 177, Fort Stockton, Texas.

Horace Raynor, *ce*, has resigned his position with the United States Geological Survey, topographical department, to become instructor in civil engineering at the University.

Andrew Franklin Hunsaker, *la*, and Addie Florence Wilson, *sp*, were married at Champaign, Illinois, September 12, 1919. Mr. Hunsaker spent last year at the University of Wisconsin studying for his Ph. D. degree. He is to teach history and economics during the coming year in the teachers' college of the University of North Dakota, at Grand Forks.

Omer Henry Kimball, *ee*, ex-'09, and Edna Louise Collins, *mus*, ex-'08, were married at Urbana, Illinois, September 10, 1910. Mr. Kimball is associated with the Barber Electric company of Taylorville, Illinois.

The address of Frank B. Baldwin, *ce*, is changed from Chicago, Illinois, to Rockford, Illinois.

The address of R. H. Arnold, *ee*, is 537 Masterson avenue, Fort Wayne, Indiana.

E. C. Rainey, *la*, is an instructor in the English department at the University this year.

Earl Wineman, *law*, is practicing law at Stanford, Montana.

J. C. Herbstman, *law*, may be addressed at 4506 University Boulevard, Uni-

versity Station, Seattle, Washington.

The address of Frank S. Cook, *ce*, is 1104 south Busey avenue, Urbana, Illinois.

The address of Frank S. Cook, *ce*, is changed from Mackinaw, Illinois, to 10911 Grove street, Morgan Park, Illinois.

The address of Henry C. Ackerman, *ce*, is now 254 McMillen street, Portland, Oregon.

Nels R. Hjort, *ce*, is transitman for the Big Four Railway company at Evansville, Indiana. His address is Waverley building, Evansville.

The address of Ruth M. Baker, *la*, is Savoy, Illinois.

Mary Morris, *la*, of Oskaloosa, Iowa, has registered this fall in the department of domestic science.

Everet Homer Tice, *law*, and Estella Eldridge, were married at Greenview, Illinois, September 6, 1910.

A. W. Ames, *me*, who has been assistant engineer for the Chicago Railways company since graduation, has entered the University Electrical Engineering Department.

The address of Emily E. Chichester, *sci*, is now Brimfield, Illinois.

Fred W. Kressmann, *sci*, has accepted a position as chemical expert in the Forest service. His address is Forest Products Laboratory, Madison, Wisconsin.

D. G. Bevis, *ce*, is with Engstrom the contractor in Los Angeles. He is detailed on the Union League building, a seven-story concrete block.

Helen Ervin, *lib*, ex-'09, has accepted a position as catalog reviser in the University of Chicago library.

Florence L. Brundage, *lib*, ex-'09, has resigned her position in the University of Illinois library. Her address is Muskegon, Mich.

The present address of Margaret T. Gourley, *la*, is Alexis, Illinois.

The address of C. L. Swisher, *sci*, is

1616 Stewart avenue, Grinnell, Iowa.

H. H. Simmons, *ce*, is an associate editor of the *Railway Age Gazette*, with offices at 303 Dearborn street, Chicago. Mr. Simmons travels extensively for the publication, and spent the summer looking over big construction work in the east.

George S. Russell, *ce*, is assistant engineer for the Kansas City Southern railroad at Kansas City, Missouri.

W. T. McClennahan, *ce*, assistant city engineer of Excelsior Springs, Missouri, is acting city engineer of that place in the absence of B. Vandegrυν, ex-'09, who is finishing his work at the University this year.

The address of L. R. Kelley, *law*, is now Duquoin, Illinois. He is employed in the United States Revenue Service.

Col. "Fanny" Simpson, *ag*, is manager of a large farm near Vienna, and is becoming well known over the whole of Southern Illinois as one of the leading scientific agriculturists.

John Kagy, *la*, is registered in the College of Law as a member of the class of 1912, on a scholarship given by the college for this year.

Henry Hershey, *la*, is attending the College of Law of the University of Chicago.

The secretary is in receipt of a copy of *Homes*, a periodical issued by the Los Angeles Investment company. The issue contains a three column story written by Ernest Ingold, *me*, and published under the caption "Tenderfoot Pumps Los Angeles Bankers". Our versatile Ernie is making good as a publicity man, and in this article descriptive of a series of interviews with leading bankers of the California city has "pulled off" a mighty clever advertising stunt.

Four members of the class of 1909 were present at the dinner given by the University of Illinois Club of St. Louis, at the Suburban Garden on July 31,

The niners were J. J. Walledom, J. B. Messick, L. R. Kelley, and P. K. Johnson.

J. L. McLaughlin, *law*, and A. A. Jones, *law*, '10, have opened an office in the Citizens' Title and Trust building in Decatur, Illinois. The firm name is Jones and McLaughlin, and the partnership dates from August 1, 1910.

J. D. Southwick, *la*, is now engaged in advertising business in Evansville, Indiana.

Our versatile Avery Brundage, *ce*, won fourth place in the all-around championship meet held at Chicago during the summer.

K. J. T. Ekblaw, *me*, is beginning his second year as instructor in farm mechanics at the University. During the summer he traveled for the International Harvester company.

Fay Railsback, *ag*, is coaching the football team at the Eastern Illinois Normal, Charleston.

Sam Thompson, *la*, is a member of the senior class in the College of Law.

"Dutch" Wernsing, *la*, and F. D. Danford, *ce*, are located in Salt Lake City, both being engaged in engineering work.

"Teddy" Smith, *ag*, is in charge of a large farm near Auburn, Illinois, and incidentally is becoming an expert judge of horses.

H. S. Horner, *arch*, is with the firm of Jennings, Munday and Jenson, at Chicago, Illinois.

"Si" Flood, *law*, who will be remembered as the leading Democratic politician of '09, is practicing law at Springfield.

W. Y. Hu, *law*, is now special counsel for the Committee on Communications of the Empire of China. This is an important position and Mr. Hu's appointment is pleasing to his Illinois friends.

C. R. Dewey, *law*, has a position with

one of the largest law offices in New York.

Blanche Jones, *la*, and Lea Miron Western, *la*, ex-'10, were married on October 5, 1910, at Urbana, Illinois. They will live at Dundee, Illinois.

The address of Ralph G. Risser, *ag*, is changed from Kankakee, Illinois, to St. Martinville, Louisiana.

Frederick Bowman Nicodemus, *ce*, and Ella Cora Neubauer, *la*, ex-'08, were married on October 8, 1910, at Yokohama, Japan.

1910

W. E. Ekblaw, University of Illinois, Urbana, Illinois, Secretary

John Strom, *ce*, has returned to the University as an assistant in civil engineering. He spent the summer in a bridge office in Pittsburg, Pennsylvania.

The address of Charles H. Mottier, *ce*, is 19 south Madison street, LaGrange, Illinois.

T. W. Walton, *la*, of Rice's Landing, Pennsylvania, has returned to the University this year to do graduate work.

The address of Irma E. Voigt, *la*, is 403 south Wright street, Champaign, Illinois.

The address of H. C. Boardman, *ce*, is 2010 west One hundred and first place, Chicago, Illinois.

Bennett P. Rosecrans, ex-'10, is employed in the offices of the Missouri Pacific Railroad company at St. Louis, Missouri. His address is 2106 Waverly place, St. Louis, Missouri.

The address of H. T. McAllister, *sci*, is changed from Farragut, Iowa, to 315 Public Service building, Milwaukee, Wisconsin.

Thomas E. Thompson, *chem*, succeeds Ernest Ingold as graduate manager of athletics at the University.

O. E. Pence, *la*, has resigned his position of assistant secretary of the Y. M. C. A., at the University, to take up his duties as successor to E. O. Jacob,

la, as state student secretary. Mr. Jacob will spend seven years in Y. M. C. A. work in Turkey.

R. J. Shields, *ce*, is employed in the offices of the Missouri Pacific railroad company, at St. Louis, Missouri.

The address of F. E. Sperry, *me*, is 404 Kane street, Aurora, Illinois.

The address of R. M. Spurck, *ee*, is Pittsfield, Massachusetts, where he is in the employ of the General Electrical company.

The address of Agnes Barrett, *la*, is 230 south Maple street, Centralia, Illinois, instead of 500 Richmond street, Mattoon, Illinois.

Milton W. Thompson, *la*, is an instructor in the Academy at the University this year.

A. W. Eisenmeyer, jr., *la*, is located at Carmi, Illinois, and is vice-president of the Granite City Lime and Cement company.

The address of Benjamin Shapiro, *ce*, is 4749 Indiana avenue, Chicago, Illinois.

The address of O. B. Rives, *ag*, is Rock Bridge, Illinois.

Frances M. Morehouse, *la*, is teaching in the Academy at the University.

Marie von Engelken, *la*, of Ocala, Florida, is teaching English, and is librarian at the Somerset, Kentucky high school.

Clara Pruyn, *la*, was married on July 30, 1910, to Chester B. Miller. Her address is Elgin, Illinois.

R. C. Berry, *la*, is with the Chicago and Northwestern railway company at Cedar Rapids, Iowa.

D. M. Avey, *ce*, is associate editor of the *Municipal Engineering Magazine* of Indianapolis, Indiana.

H. E. Shinn, *ex-'10*, is assistant engineer with the Big Four railroad at Wabash, Indiana.

Wallace Cross, *ex-'10*, is engaged in engineering work at Deatur, Illinois.

Amanda Renjch, *la*, is a teacher of

history and English in the high school at Homer, Illinois.

Richard Breitenfeld, *ce*, and Lucy Jane Egan were married at Urbana, Illinois, July 9, 1910.

Warren William Day, *arch*, and Ethel Annetta Hollister, *la*, were married at Champaign, Illinois, September 10, 1910. After an eight months' tour around the world Mr. Day will resume his duties as superintendent of construction at the Elgin State Hospital.

Nolan D. Mitchell, *ae*, is with Joseph C. Llewellyn, architect, 1520 First National Bank building, Chicago. His residence address is 6727 Perry avenue.

Hazel Denton Mandeville, *hsc*, and Robert Beatty Dool, *ee*, '06, were married on October 4, 1910, at Champaign, Illinois.

Arthur Lee Johnstone, *ee*, *ex-'10*, and May Robinson were married about September 1, 1910, at Mattoon, Illinois. They will make their home in Mattoon.

Julian Jerome Ross, *ag*, *ex-'10*, and Amy Blanche Meyer were married on September 13, 1910, at Chicago, Illinois. They will live in Mexico, where Mr. Ross is interested in real estate.

George S. Ward, *la*, has entered the Harvard Law School.

Earl V. Long, commonly known as "Prep Long", *ex-'10*, graduated from Harvard College last June, and is now a student of Harvard Law School. He has spent most of his summers abroad during the last three years.

Howard Ridgely Hay, *med*, *ex-'10*, and Dorothy Gunn Spray, *lib*, *ex-'08*, were married at Arlington Heights, Illinois, September 17, 1910. Mr. Hay is now in charge of a fruit ranch near DeBeque, Colorado.

Grace Josephine Black, *la*, and Clement Clarence Williams, *ce*, '07, were married at Urbana, Illinois, August 31, 1910.

Dwight Griffin, *me*, and Margaret Ora Weatherford, *mus*, *ex-'13*, were mar-

ried at Champaign, Illinois, September 4, 1910. Mr. Griffin is now employed by the National Malleable Casting company at Chicago.

Helen McCulloch, *la*, ex-'10, and Walter Robert Block, *ag*, '07, were married at Mattoon, Illinois, September 22, 1910.

The address of Edgar D. Doyle, *ry ee*, is 51 James street, Scotia, New York.

The address of George Rathjens, *ce*, is Manilla, Iowa.

Villa Sprague, *hsc*, is in charge of the Domestic Science department of McKendree College, at Lebanon, Illinois.

Lucy G. Wilson, *lib*, has been appointed librarian of the public library of Kewanee, Illinois, vice Alice Mann, '03, resigned.

Alice L. Blair, *lib*, has been appointed assistant librarian of the Missouri Normal school, Warrensburg.

Bertha M. Schneider, *lib*, has been appointed reference librarian in the state library at Columbus, Ohio.

Beulah Giffin, *lib*, ex-'10, is a catalog assistant at the University of Chicago library.

W. E. East, *ee*, last year's 'Varsity two-miler, is working for the Westinghouse Electric company at East Pittsburg, Pennsylvania, and will run this year for the Turtle Creek A. A.

Dave Patton, *me*, is traveling for the American Tool Steel company.

Elmer J. Thompson, *ag*, is instructor in swine and sheep in North Dakota Agricultural College, Agricultural College North Dakota.

C. A. Nye, *ce*, is working with the United States Geological Survey, with headquarters at Milan, Illinois.

The address of H. E. Hoagland, *la*, is 438 north Lake street, Madison, Wisconsin.

Saidee E. Nelson, *la*, is principal of the high school at Wyoming, Illinois, for this year.

Ruth Felmley, *la*, is teaching English in the high school at Mt. Carroll, Illinois. During the summer she passed the state teachers' examination for a life certificate.

R. H. Watson, ex-'10, is living at Grand Junction, Colorado.

Maude Victoria Brougham, *la*, and James Metcalf Bateman, *ee*, ex-'08, were married in October, 1909, in Canada. They are living at 513 Racine avenue, Peoria, Illinois.

Martha M. Matthews, *hsc*, has charge of the household science department in the township high school at Roseville, Illinois.

Glenn Ferguson, *ce*, who has been working in New Mexico, has returned here to take a position as instructor in descriptive geometry.

Albert M. Perkins, *la*, is employed as a certified public accountant by the firm of Haskins and Sells, of New York City.

H. A. Flanders, *la*, is an instructor in the Morgan Park Academy, of Chicago, Illinois.

Mail addressed to Thomas Ralph Strobbridge, *ce*, of Manhattan, Illinois, has been returned bearing the notation "deceased". However, The QUARTERLY has not been otherwise informed of his death.

Chales Orval Thrasher, *ee*, ex-'10, and Lois I. Campbell, were married on August 26, 1910, at Austin, Illinois. They will live on east Pell street, Paxton, Illinois.

Lea Miron Western, *la*, ex-'10, and Blanche Jones, *la*, '09, were married on October 5, 1910, at Urbana, Illinois. They will make their home at Dundee, Illinois.

R. E. Holch, *me*, and A. Guell, *ee*, have positions as assistants in the state university of Louisiana. The address of Mr. Holch is 626 College avenue, Baton Rouge, Louisiana.

MARRIAGES

- 1891 Nellie Margaret Darby, *la*, to Benjamin Petterson, on August 23, 1910, at Ortonville, Minnesota.
- 1893 Charles A. Elder, to Inez Damon.
- 1902 Roy Smith, *la*, to Charlotte Hess, *la*, '07, on October 8, 1910, at Yokohama, Japan.
- 1904 Clyde Earl Durland, *ce*, to Abby Louisa Brayton, *lib*, '05, on October 11, 1910, at Billings, Montana.
- 1904 Aaron W. Miner, *ag*, to Inez Lytle McClenahan, on August 17, 1910, at Manhattan, Illinois.
- 1904 Smith T. Henry, *mse*, to Agnes McDougall, *la*, '05, on September 1, 1910, at Manteno, Illinois.
- 1904 Elmer Logan Garnett, *la*, to Lela I, 1910, at Manteno, Illinois.
- ex-'04 James Forrest Churchill, *la*, to Virginia Richards Busey, *la*, ex-'05, on October 8, 1910, at Champaign, Illinois.
- 1905 Agnes McDougall, *la*, to Smith T. Henry, *mse*, '04, on October 1, 1910, at Ottawa, Illinois.
- 1905 Lela Barnard, *la*, to Elmer Logan Garnett, *la*, '04, on September 1, 1910, at Manteno, Illinois.
- 1905 Hibbard Spencer Greene, *ee*, to Mary Epley, on June 29, 1910.
- 1905 John Milford Dillavou, *la*, to Wilhelmina C. Voss, on October 18, 1910, at Champaign, Illinois.
- ex-'05 Elizabeth Katherine Stevenson, *la*, to Jay Corydon Taylor, *la*, ex-'08, on October 4, 1910, at Urbana, Illinois.
- ex-'05 Virginia Richards Busey, *la*, to James Forrest Churchill, *la*, ex-'04, on October 8, 1910, at Champaign, Illinois.
- 1906 Paul Adyman Shilton, *la*, to Marie Alma O'Brien, on September 24, 1910, at Portland, Oregon.
- 1906 Robert Beatty Dool, *ee*, to Hazel Denton Mandeville, *hsc*, '10, on October 4, 1910, at Champaign, Illinois.
- 1906 Clifford Bradley Suttle, *ce*, to Lydia Cox, on September 14, 1910, at Burlington, Iowa.
- 1906 Montgomery B. Case, *ce*, to Maybell Gace McConnell, on October 4, 1910, at Vancouver, Washington.
- 1906 Charles Brooks McCoy, *law*, to Florence Daggett, on June 18, 1910, at East St. Louis, Illinois.
- 1906 Ambrose G. Grandpre, *ce*, to Eleanor Harris, on April 14, 1909, at Tekoa, Washington.
- ex-'06 Myra Ernestine Burt (Busey), *la*, to Frederick Besley, on October 6, 1910, at Chicago, Illinois.
- ex-'06 Edward Isaac Walker, to Jessie Marie Kriechbaum, in September, 1910, at Burlington, Iowa.
- 1907 Valeria Fetterman, *lib*, to Albert Barnes Smith, in June, 1910.
- 1907 Carlos Merriam Page, *ee*, to Laura Phelps Smith, on October 5, 1910, at Champaign, Illinois.
- 1907 James C. Randall, *me*, to Deborah Orchard, on July 7, 1910, at Schenectady, New York.
- 1907 Weston Bross Lazear, *me*, to Edith Alma Danford, on June 25, 1910, at Aurora, Illinois.
- 1907 Chester B Miller, *la*, to Clara Pruyn, *la*, '10, on July 30, 1910, at Keithsburg, Illinois.
- 1907 Clement Ciarence Williams, *ce*, to Grace Josephine Black, *la*, '10, on August 31, 1910, at Urbana, Illinois.
- 1907 Donald Graham, *arch*, to Alma Margaret Speck, on April 9, 1910, at Evansville, Indiana.
- 1907 Walter Robert Block, *ag*, to Helen McCulloch, *la*, ex-'10, on Sep-

- tember 22, 1910, at Mattoon, Illinois.
- 1907 Robert Hodge Clanahan, *ag*, to Helen Prosser Lax, on September 28, 1910, at Springfield, Illinois.
- 1907 Ray Luzerne Baker, *me*, to Emily Evelyn Holmes, on September 14, 1910, at Baldwin, Wisconsin.
- 1907 Charlotte Hess, *la*, to Roy Smith, *la*, '02, on October 8, 1910, at Yokohama, Japan.
- 1907 John Dudley Ball, *me*, to Elena L. Wiles, on September 14, 1910, at Schuylerville, New York.
- ex-'07 Sidney Nathan Cohen, *law*, to Myrtle Conkwright, on September 17, 1910, at Bloomington, Illinois.
- 1908 Charles Ray Holton, *la*, to Nina Yeoman, on October 14, 1910, at Avon, Illinois.
- 1908 Ira Thomson Carrithers, *la*, to Winifred Markham, on June 22, 1910, at Saulte Sainte Marie, Michigan.
- 1908 Cora May Van Galder, *hsc*, to Walter Edwin Hart, ex-'08, on June 8, 1910, at Rock Island, Illinois.
- 1908 Adam Albert Hummel, *sci*, to Edna Daniels, on August 16, 1910, at Mitchell, South Dakota.
- 1908 Fritz Wagner, *arch*, to Louise Shipman, on July 30, 1910, at DeKalb, Illinois.
- 1908 Bessie Dillon, *hsc*, to Guy Loren Shaw, *ag*, on September 14, 1910, at Normal, Illinois.
- ex-'08 Virginia Randolph Taylor, *la*, to Elmer Joseph Haase, *la*, on September 5, 1910, at Owensboro, Kentucky.
- ex-'08 Ella Cora Neubauer, *la*, to Frederick Bowman Nicodemus, *ce*, '09, on October 8, 1910, at Yokohama, Japan.
- ex-'08, Guy Loren Shaw, *ag*, to Bessie Dillon, *hsc*, on September 14, 1910, at Normal, Illinois.
- ex-'08 Elmer Joseph Haase, *la*, to Virginia Randolph Taylor, *la*, on September 5, 1910, at Owensboro, Kentucky.
- ex-'08 Bernice Celia Wilson, to Charles Paul Horstman, on July 25, 1910, at Fisher, Illinois.
- ex-'08 Edra Louise Collins, *mus*, to Omer Henry Kimball, ex-'09, on September 10, 1910, at Urbana, Illinois.
- 1909 Blanche Jones, *la*, to Lea M. Western, ex-'10, on October 5, 1910, at Urbana, Illinois.
- 1909 Evert Homer Tice, *law*, to Estella Eldredge, on September 6, 1910, at Greenview, Illinois.
- 1909 Harold Hanson Mitchell, *sci*, to Opal Kilbury, on July 8, 1910, at Urbana, Illinois.
- 1909 Alvin Charles Miller, *me*, to Minnie Jones, on September 3, 1910, at Urbana, Illinois.
- 1909 Andrew Franklin Hunsaker, *la*, to Addie Florence Wilson, *sp*, on September 12, 1910, at Champaign, Illinois.
- ex-'09 Omer Henry Kimball, *ee*, to Edra Louise Collins, *mus*, ex-'08, on September 10, 1910, at Urbana, Illinois.
- 1910 Clara Pruyn, *la*, to Chester B. Miller, *la*, '07, on July 30, 1910, at Keithsburg, Illinois.
- 1910 Hazel Denton Mandeville, *hsc*, to Robert Beatty Dool, *ee*, on October 4, 1910, at Champaign, Illinois.
- 1910 Ethel Annetta Hollister, *la*, to Warren William Day, *arch*, on September 7, 1910, at Champaign, Illinois.
- 1910 Dwight Griffin, *me*, to Margaret Ora Weatherford, *mus*, ex-'13, on September 4, 1910, at Champaign, Illinois.
- 1910 Grace Josephine Black, *la*, to Clement Clarence Williams, *ce*, '07, on August 31, 1910, at Urbana, Illinois.

- ex-'08 Walter Edwin Hart, to Cora May VanGelder, *hsc*, '08, on June 8, 1910, at Rock Island, Illinois.
- ex-'08 Dorothy Gunn Spray, *lib*, to Howard Ridgley Hay, ex-'10, on September 17, 1910, at Arlington Heights, Illinois.
- ex-'08 Jay Corydon Taylor, *la*, to Elizabeth Katherine Stevenson, *la*, on October 4, 1910, at Urbana, Illinois.
- ex-'08 James Metcalf Bateman, *ee*, to Maude Victoria Brougham, *la*, ex-'10, in October, 1909, in Canada.
- 1909 Frederick Bowman Nicodemus, *ce*, to Ella Cora Neubauer, *la*, ex-'08, on October 8, 1910, at Yokohama, Japan.
- 1910 Warren William Day, *arch*, to Annetta Hollister, *la*, on September 7, 1910, at Champaign, Illinois.
- ex-'10 Howard Ridgley Hay, *med*, to Dorothy Gunn Spray, *lib*, ex-'08, on September 17, 1910, at Arlington Heights, Illinois.
- ex-'10 Helen McCulloch, *la*, to Walter Robert Block, *ag*, '07, on September 22, 1910, at Mattoon, Illinois.
- ex-'10 Richard Breitenfeld, to Lucy Jane Egan, on July 9, 1910, at Urbana, Illinois.
- ex-'10 Lea M. Western, to Blanche Jones, *la*, '09, on October 5, 1910, at Urbana, Illinois.
- ex-'10 Maude Victoria Brougham, *la*, to James Metcalf Bateman, *ee*, ex-'08, in October, 1909, in Canada.
- ex-'10 Arthur Lee Johnstone, *ee*, to May Robinson, about September 1, 1910, at Mattoon, Illinois.
- ex-'10 Julian Jerome Ross, *ag*, to Amy Blanche Meyer, on September 13, 1910, at Chicago, Illinois.
- ex-'10 Charles Orval Thrasher, *ee*, to Lois I. Campbell, on August 26, 1910, at Austin, Illinois.
- sp Addie Florence Wilson, to Andrew Franklin Hunsaker, *la*, '09, on September 12, 1910, at Champaign, Illinois.

BIRTHS

- 1895 To Milo S. Ketchum, *ce*, and Esther Beatty (Ketchum), on March 8, 1910, a son, Milo Smith, Jr.
- 1896 To Henry J. Burt, *ce*, and Edith Fleming (Burt), on May 3, 1910, a son, Jesse Fleming.
- 1896 To David Hobart Carnahan, *la*, and Mabel Johnson (Carnahan), on July 25, 1910, a daughter, Margaret.
- 1897 To Clyde Denny Gulick, *sci*, and Grace J. Alvord (Gulick), on August 14, 1910, a son, Jesse Richard, Jr.
- 1901 To Frank William Scott, *la*, and Ethel Clara Forbes (Scott), *la*, '03, on August 6, 1910, a daughter, Mary Forbes.
- 1901 To Minnie Bridgman (Ingham), *lib*, and Leonard Ward Ingham, *la*, '02, on July 11, 1910, a daughter, Alice Carile.
- 1902 To Lewis Omer, *la*, and Edith Nevins (Omer), in October, 1910, a daughter.
- 1902 To John McBeath Snodgrass, *me*, and Daisy Bonar (Snodgrass), on August 16, 1910, a daughter.
- 1902 To Leonard Ward Ingham, *la*, and Minnie Bridgman (Ingham), *lib*, '01, on July 11, 1910, a daughter, Alice Carile.
- 1903 To Ethel Clara Forbes (Scott), *la*, and Frank William Scott, *la*, '01, on August 6, 1910, a daughter, Mary Forbes.
- 1903 To Lyle G. Herrick, *la*, and Vernele Norris (Herrick), on October 6, 1910, a daughter, Jean Louise.
- 1904 To Ralph Barnard Howe, *ag*, and Blanche Phillis (Howe), on June 26, 1910, a daughter, Lusretia.
- 1904 To Lida Elizabeth Popejoy (Jones), *la*, and E. I. Jones, on August 21, 1910, a daughter, Mary Elizabeth.
- ex-'05 To George McKinley Mattis, *la*, and Elsie Curtis (Mattis), on October 3, 1910, a daughter, Mollie McKinley.
- 1906 To Melvin L. Enger, *ce*, and Mary A. Crawford (Enger), on July 1, 1910, a daughter, Bertha Marie.
- ex-'06 To Clara McLain (Wilson), and Harley F. Wilson, on June 30, 1910, a son, J. Robert.
- 1907 To Deane Burns, *chem*, and Elizabeth Grosh (Burns), *hsc*, ex-'08, on July 2, 1910, a son, Harold Deane.
- 1907 To J. Howard Miner, *ag*, and Edna Pearl Barnhart (Miner), *la*, '08, on August 9, 1910, a son, Harold Eugene.
- 1908 To Edna Pearl Barnhart (Miner), *la*, and J. Howard Miner, *ag*, '07, on August 9, 1910, a son, Harold Eugene.
- 1908 To William L. Unzicker, *la*, and Alice A. Auld (Unzicker), on August 20, 1910, a son.
- ex-'08 To Elizabeth Grosh (Burns), *hsc*, and Deane Burns, *chem*, '07, on July 2, 1910, a son, Harold Deane.
- ex-'08 To Philip S. Rush, and Marie Wood (Rush), on September 27, 1910, a daughter.
- 1909 To McNeal Cole James, *ag*, and Eva Ratekin (James), on August 6, 1910, a daughter.
- 1910 To Wendell Phillips Renner, *la*, and Nina Jones (Renner), on July 28, 1910, a daughter.

DEATHS

- | | | |
|------|--|---|
| 1877 | Edwin Vernon Lewis, born August 18, 1856, at Chatham, Illinois, died July 5, 1910, at Omaha, Nebraska. | September 14, 1910, at Tuscola, Illinois. |
| 1891 | Hans Frahm, <i>la</i> , born October 11, 1868, at Bourbon, Illinois, died | 1904 Timothy Osmond Holcomb, <i>la</i> , born June 18, 1878, at Freeburg, Illinois, died October 1, 1910, at Oaks Home, Denver, Colorado. |

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The ALUMNI QUARTERLY will pay five dollars to any Alumnus who will submit the most acceptable design for a cover for this magazine. The design must be ready for reproduction, must contain the words "The Alumni Quarterly of the University of Illinois, Volume, Number," and must be in this office by December 1, 1910. Designs not found acceptable will be returned if postage is furnished for the purpose.

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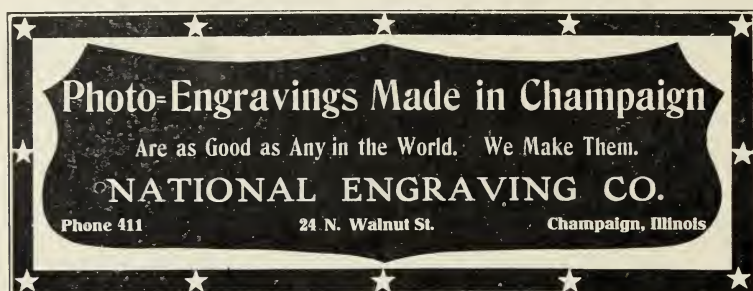
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THE stories must contain *at least two thousand words, but not more than seven thousand words*. There is no limit to the number of stories that may be submitted by any one competitor. Stories by two or more alumnae working in collaboration will be considered. The stories should be typewritten if possible. If that is out of the question then the handwriting should be neat and clear.

Manuscripts must be written on one side of the paper only, and sent either flat or folded. Do not roll them, nor send letters with them unless special explanations are needed.

Be careful to put your name, your address, the name of your college, and the year of your class at the head of the manuscript. If married give in parentheses your full name at the time of your graduation. Where manuscripts are the work of more than one graduate these details must be given by each collaborator.

Be sure to preserve the original manuscript or to retain a copy of your story, as no manuscripts will be returned. No postage, therefore, need be inclosed. Such stories as are found worthy will be awarded prizes; others will be considered for purchase at good rates; the rest will be destroyed.

We reserve the right to withhold any or all of the prizes if in our judgment the stories do not come up to the required standard.

This offer will remain open until November thirtieth. All stories must be mailed so as to be in our hands on or before that date.

Read these conditions over carefully. They are stated here as clearly as they can be stated; hence do not write to us about them, as such letters of inquiry cannot be answered.

Address all short stories intended for entry in this prize competition to

The College Story Editor

THE LADIES' HOME JOURNAL

Philadelphia, Pennsylvania

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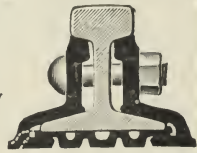
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